

# RESEARCH REPORT 2018



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p.70 **HEC ACADEMIC JOURNAL GUIDE** (Hereafter @HEC Liège AJG)

p.110 **LIST OF ACADEMIC BOOK PUBLISHERS**

HEC Research is the research unit of HEC Liège. It includes more than 100 FTE researchers (faculty, senior and junior scientists) who are active in various fields of economics and management science.

The research unit is divided into 7 subunits associated with strategic research fields in which the school has significant experience and a critical mass of researchers, publications, teaching and corporate collaborations, namely, Asset and Risk Management (ARM); Changing Workplace and Strategic Human Resource Management (HRM); Economic Analysis and Policy (ECON); Marketing and Service Innovation (MSI); Social Enterprise and Business Ethics (SEBE); Supply Chain Management and Business Analytics (SCM); Sustainable Performance: Tax, Audit and Accounting (SUSP); as well as an 8th subunit that hosts some emerging fields of research.

#### **FOUR STRATEGIC OBJECTIVES FOR 2019-2023**

In 2018, HEC Liège developed its strategic research plan for 2019-2023. The plan is structured around four strategic objectives:

##### ***To deliver high-quality research results***

The quality of research outputs produced at HEC Research has increased over the past years. The recent recruitment of young and high potential Assistant Professors and a strong research culture that has developed at HEC Research these past years should be able to reinforce this objective.

##### ***To develop an international reputation for the quality of its research***

HEC Research would like to reinforce its presence in international leading conferences as well as promote transdisciplinary collaborations (within the 7 strategic research fields) around three main topics: sustainability, entrepreneurship and the digital era.

##### ***To be internationally recognized for its economic and societal impact***

Engrained in HEC Liège's DNA, research conducted at our unit aims to have a concrete influence on the socio-economic environment of the School. We are convinced that research must go beyond the publication process and that it should be disseminated beyond the academic sphere.

##### ***To train and educate qualified and productive scientists***

HEC Research invests in a strong doctoral programme. Our thematic doctoral schools are organized jointly with the UMONS and the ULB for our management track and the UCLouvain and ULB for our economics track.

The School has established key partnerships with some prominent research institutions in the neighbouring countries, such as Paris I Panthéon-Sorbonne and the University of Lille 1 (France), Maastricht University (the Netherlands) and Université Luxembourg (Luxembourg). We also have significant research collaborations with other Belgian universities, such as Katholieke Universiteit Leuven and the University of Antwerp, as well as with first-class institutions such as HEC Montréal, Georgia Tech, Paris Dauphine and the University of Oxford among others.

With these four strategic objectives, HEC Research will contribute to generate transformative research with high impact.

#### **SIGNIFICANT MILESTONE FOR HEC RESEARCH IN 2018**

On September 19 and 20 2018, HEC Liège received three international experts requested by the University of Liège in order to audit the research activities conducted within the HEC Research unit at our Management School

“Today, thirteen years after the merger, the experts assess that the results of HEC Research are very positive. The School's culture has evolved giving a central place to the scientific production. The fusion of teaching teams with very varying profiles is now completed without having created difficulties. Teachers coming from different backgrounds have learnt to know each other and to work together on the School's development” said Professor Francis Bloch (Paris School of Economics – Paris 1), Honorary Professor Dominique Werra (Ecole Polytechnique Fédérale de Lausanne) and Professor Jean-François Chanlat (Paris Dauphine).

The experts highlighted the path taken by HEC Liège and voiced their support for the development of a management school with international scope and a high visibility in research. In order to do so, they have shared with us their recommendations in terms of collaborations to prioritise within our research unit (around key themes), recruitment policies and management of our Doctoral programme.

In their words, our research unit is “at an important turning point towards the development of a modern, and dynamic management school with an international scope in Liège”. Their visit does not mean the end of a process but the start of new perspectives and the development of new objectives with the will to join the strengths of the research unit around transdisciplinary projects that enhance our expertise and increase our research collaborations.



**Marie Lambert**  
**Research Director**



## SEVEN STRATEGIC RESEARCH FIELDS



Asset & Risk  
Management



Marketing  
& Service Innovation



Sustainable Performance:  
Tax, Audit & Accounting



Changing Workplace  
& Strategic HRM



Social Enterprise  
& Business Ethics



Supply Chain Management  
& Business Analytics



Economic Analysis  
& Policy

	ARM	HRM	ECON	MSI	SEBE	SCM	SUSP	EMG	Other	Total
Books		3	2	1		5	1		2	14
Chapters in Books		4	3		1	2	7			17
Papers in Peer Reviewed Journals	3	5	25	2	5	14	6			55
Papers in Professional Journals	1	1	1			1		1	1	6
Proceedings					1	7	1			8
Working Papers	3		8			6				17
Reports		2			2	1	5			10
Conferences Abroad	8	14	28	10	7	15	14			96
Conferences in Belgium		11	3	2	1	5	4	3	2	31
Missions & Research Projects	12	27	13	1	9	20	8	2	3	95
Pedagogical Productions		1						2		3
Scientific Committees	5	14	8	2	5	17	4	3	3	51
Defended PhDs		3	1	1		5	2			12
PhDs in Progress	9	9	9	2	7	10	4			49
PhDs External Jurys			1			4	1			6
Research Seminars*	11	5	15			6	1			38
Referee Reports	4	9	16	1	2	6				37
International Networks	2	11	12	1	10	9	3	1	2	53
Academic Societies	4	2			1	9	1			17
Organization of Workshops	1	1	2			2	1			7
Divers Speeches	4		3		6	2	2		1	18
Awards		1	1		1	1				4

# KEY FIGURES 2018

\* Some are co-organised with other Belgian universities & the NBB (National Bank of Belgium)

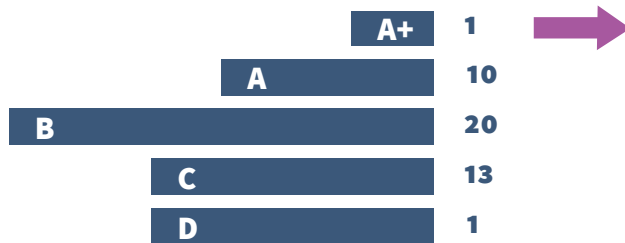
# KEY FIGURES 2018

**105**  
FTE RESEARCHERS

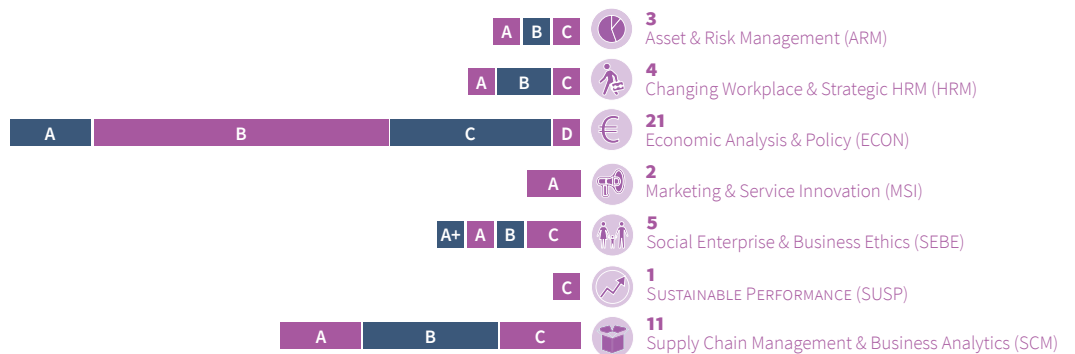
**12**  
DEFENDED PHDS

**55**  
PAPERS IN PEER REVIEWED JOURNALS

**45**  
PAPERS IN HEC ACADEMIC JOURNAL GUIDE\*



**Huybrechts, B., & Haugh, H.**  
The Roles of Networks in Institutionalizing New Hybrid Organizational Forms: Insights from the European Renewable Energy Cooperative Network. *Organization Studies*, 39(8), 1085-1108. <http://hdl.handle.net/2268/213270>



**40**  
HEC & NBB RESEARCH SEMINARS\*\*

**37**  
BASIC RESEARCH PROJECTS FUNDED

**31**  
APPLIED RESEARCH PROJECTS FUNDED

\* See The HEC Academic Journal Guide p.70

\*\* Co-organised with other Belgian universities & the NBB (National Bank of Belgium)



# Some of our research events in 2018...

Research Day, May 30



Transversal Seminar, June 15: *Steering toward the Mainstream, Changing the Research Culture as a Traditional European Business School*, Pierre Dussauge (HEC Paris)

External Evaluation of Strategic Plan 2019-2023 by 3 experts, September 19-20:

- Francis Bloch, Professor - Paris School of Economics - Paris 1
- Dominique de Werra, Honorary Professor, Ecole Polytechnique Fédérale de Lausanne
- Jean-François Chanlat, Professor, Paris Dauphine



Welcome to the 4 new assistant professors, November 15

Lunch Talk PhD Students, April 26



## Workshops & Conferences in our research strategic fields

6<sup>th</sup> PhD Workshop in Finance November 23



Inspiration Day, May 16



**MEETUP #5**  
21st JUNE 2018



32th Conference of the Belgian Operational Research Society, February 1-2

4th Workshop on Industrial Organization in the Digital Economy, March, 2-3.

# Expert Fields 2017-2018



The PRISME management committee of the HEC Research unit would like to use the tools of productivity measurement (“Key Performance Indicators”, KPIs) implemented by the Management Board to highlight three strategic research areas which performed particularly well on these criteria over a two-year period.

First, it acknowledges the progress that has been made by 3 fields in terms of:

- **International Quality Research:** A focus on A+, A and B level publications of the HEC Liège Academic Journal Guide
- **Contract-based research:** The indicator is based on personnel external costs accounts of the members of the research sub-unit who are under academic or scientific status
- **International recognition:** The indicator will be the H-index provided by the Harzing software “Publish or Perish” (source: Google Scholar) calculated on the basis of the publications of all the members of the research sub-unit.

A field can only be recognized as an “expert” field, for a given period, in relation to one of the aforementioned categories. In the case of appointment to more than one category, the following order of preference between the 3 expert fields will be followed: (1) International Quality Research (2) International recognition (3) Contract-based research.

A field cannot be nominated twice in a row in the same expert field.



# Expert Field in International Quality Research



## Economic Analysis & Policy

*Profit Luenberger and Malmquist-Luenberger indexes for multi-activity decision-making units:*

*The case of the star-rated hotel industry in China*

(Tourism Management, 2018)

Barnabe Walheer

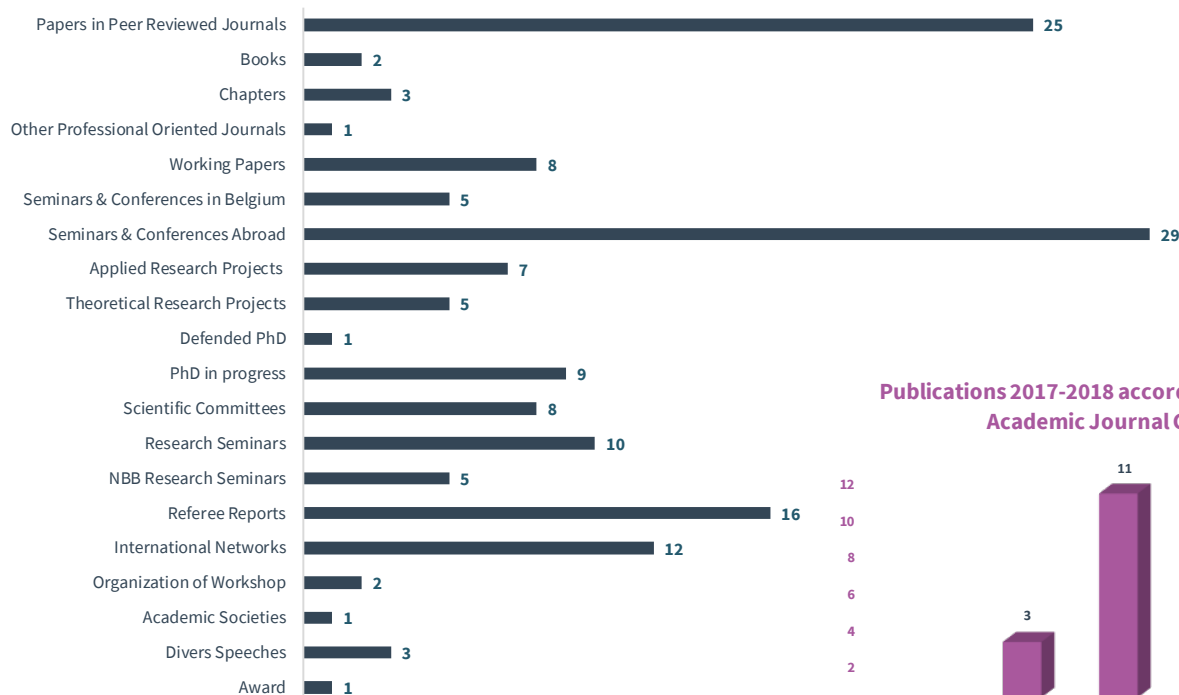
Comparing companies' performances is an important process, as it allows to point at non-optimal behaviours arising from the potential gains in terms of profits or cost reduction. One of the tools frequently used within this context is the Index. Generally, an index is easy to calculate and interpret: it allows an immediate comparison of companies and to quantify possible progresses.

A domain where performance evaluation is becoming more important is that of the hotel industry; whether it is for the hotels' managers or within a political decision context. The hotel industry is often viewed as the pillar of the tourism sector. A country where the hotel industry, and tourism in general, is expanding is China. In fact, the Chinese political forces have put in place several plans to boost the hotel sector in the country.

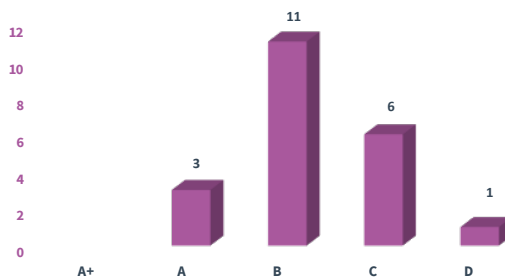
In this article, we have developed an index to study hotels performances in China, throughout several years in all provinces. Our index is made to reflect the complexity of the hotel production process in China.

First, our index takes the economic objectives of the hotels involved. Secondly, our index takes into account the multi-service nature of hotels, which no longer settle with offering rooms, but also food and various services and activities (this is particularly true in China's case). Globally, our index reveals important results for the hotel managers but also for Chinese policy makers.

### Intellectual Contributions 2018



Publications 2017-2018 according to HEC Liège Academic Journal Guide\*



# Expert Field in International Recognition



## Supply Chain Management & Business Analytics

### Q-Codes Formal Terminology

A common challenge faced by practitioners, especially those in general medicine, is that of efficiently searching for and extracting relevant information from medical documents, such as scientific journals and conference papers. As such, much of the knowledge contained in these sources is left untapped. The key questions are therefore i) how to extract information from the aforementioned (textual) documents, ii) how to formally represent this information and iii) how to make it easily accessible to medical.

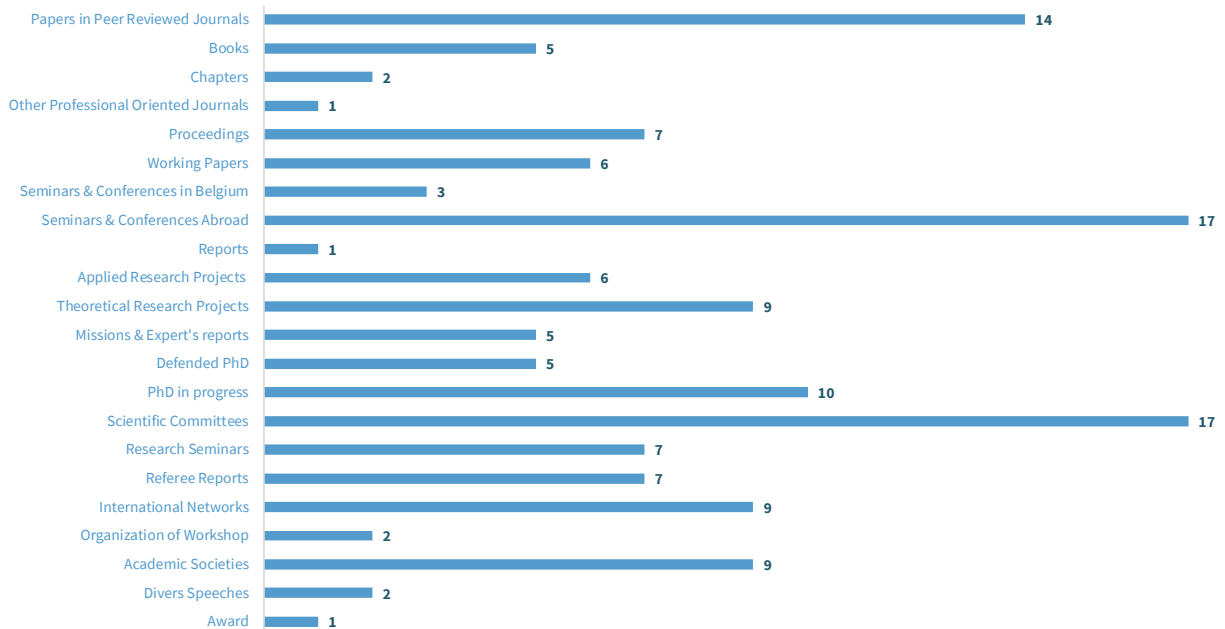
Our aim in this article was to address these questions. First, we developed Natural Language Processing (NLP) algorithms for information extraction from text. For e.g. these algorithms were responsible for extracting pertinent concepts, such as symptoms names, causes and cures. Then, with the help of medical practitioners of the research team, we relied on Descriptive Logics (a branch of Formal Mathematics) to define attributes and relationships between the different concepts. Finally, an ontology comprising of the concepts and the relationships was implemented in OWL (web ontology language). The formal representation was named “Q-codes”.

A user-friendly interface, enabling users to search the ontology’s contents for specific terms can be accessed at [https://www.hetop.eu/hetop/Q?la=en&rr=CGP\\_CO\\_Q&tab=1](https://www.hetop.eu/hetop/Q?la=en&rr=CGP_CO_Q&tab=1).

This research was performed by an international team of scientists, spanning Belgium (University of Liège/HEC Liège-A. Ittoo; and University of Ghent), USA (University of Texas), France (CHU Rouen), Brazil (University of Sao Paulo) and Italy (Istituto di Informatica e Telematica).

The Q-codes formal terminology has since then been translated into 8 languages from English: Portuguese, French, Dutch, Spanish, Vietnamese, Turkish, Korean and Georgian.

### Intellectual Contributions 2018



**2 YEARS H INDEX**  
PUBLICATIONS 2017-2018

**H INDEX 5**

SCM & BA - PUBLICATIONS 2017-2018



**H INDEX 3.4**

HEC RESEARCH - PUBLICATIONS 2017-2018



# Expert Field in Contract Based Research



## Changing Workplace & Strategic HRM

### EOS-CARST project

The EOS-CARST project is a 4-year (2019-2023) interuniversity research project driven by University of Liège/HEC Liège (Professor F. Pichault), in partnership with Antwerp Management School (Professor A. De Vos) and Katholieke Universiteit Leuven (Professor M. Verbruggen). It is financed by the EOS programme Excellence of Science (FRS-FNRS).

Entitled “Sustainable careers for project-based and dual-earner workers: a stakeholder perspective”, the project aims at enhancing our understanding of how organizational and individual career management can lead to career sustainability, by applying a multiple

stakeholders perspective. We opt to develop our research by focusing on two increasingly important groups in today’s labour market:

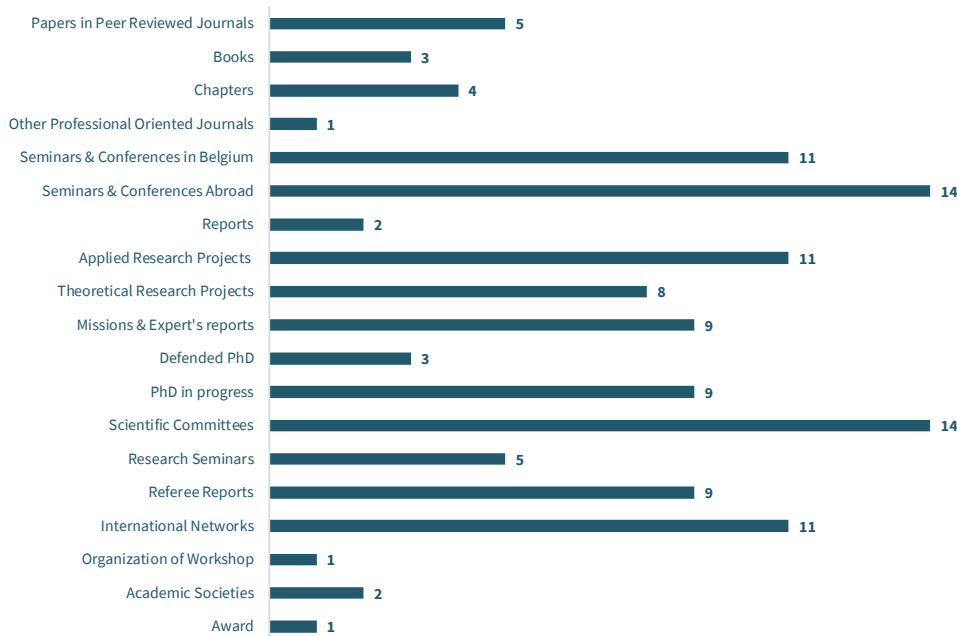
- a) Project-Based Workers (PBW), involved in one or multiple projects, during a specific time period, for one or several clients;
- b) Dual earner workers, represented by dual-income households and workers.

The objectives of this project are multiple and underpin a systemic approach. At the organizational level, it aims at understanding the influence of stakeholders on career management policies established at the organizational level, and their effects on PBW. At the individual level, it aims at showing how career management strategies developed by

the individual are influenced by companies and spouses. Lastly, the project wishes to gain knowledge on how career management strategies, both at the individual and organizational level, affect the sustainability of these non-standard workers’ careers. In order to properly answer these research questions, the project research design involves both qualitative and quantitative methods.

Two research fellows are working on this research project within HEC Liège: Jérôme Sulbout (PhD student) and Marie Antoine (postdoc).

### Intellectual Contributions 2018



**8.4 FTE RESEARCHERS**  
FUNDED BY EXTERNAL SOURCES IN 2018



**> 400 000 €**  
EXTERNAL FUNDING FOR SCIENTIFIC RESEARCH STAFF IN 2018

# Scientific Outputs by Research Field

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Seven strategic fields



Asset & Risk Management



Changing Workplace & Strategic HRM



Economic Analysis & Policy



Marketing & Service Innovation



Social Enterprise & Business Ethics



Supply Chain Mgt & Business Analytics



Sustainable Performance:  
Tax, Audit & Accounting



Emerging Fields



Other Contributions to Knowledge



# Asset & Risk Management



Georges Hübner  
[g.hubner@uliege.be](mailto:g.hubner@uliege.be)



Closely in touch with the latest practices in portfolio management, fundamental equity research and financial risk management, the Finance Department of HEC Liège Management School has founded the “Center for Asset and Risk Management (CARM)”.

The current macroeconomic conditions pose a great challenge with regard to optimal public as well as private fund allocation.

The center runs an applied research program focusing on practical applications for education and the professional community. The research program is organized along four research lines:

## **Asset Management**

Research activities on asset management focus on optimal allocation strategies under different economic context. The strategies which are examined in this program range from traditional portfolio optimization techniques under a mean-variance to advanced optimization under a higher-moment framework as well as to smart beta or alternative strategies. We evaluate the risks and performance of those strategies with a particular attention on the more dynamic trading strategies performed by hedge funds and mutual

funds. Our future research agenda integrates smart beta strategies which have proved to be resilient to economic turmoil in the financial markets.

## **Financial Risk Management**

Financial risks and their impacts on our markets are more than ever a matter of crucial interest to market participants, regulators and public authorities. Research activities on financial risk management focus on modeling and pricing firm and/or country specific market, exchange rate, liquidity and credit risks in equity and bond markets. Current work of our team concentrates on three research directions: (i) the role of market conditions in the underlying mechanisms and implications of financial risks, (ii) the analysis of the time-varying dynamics along which financial risks propagate across markets and market participants, as well as (iii) the way institutional and macroeconomic conditions alter markets’ and market participants’ resilience to risk across developed, emerging and developing markets.

## **Corporate finance**

The program’s objective is to investigate drivers of growth in firm value. The program involves several aspect of equity research. First, it focuses on financial analysis and security valuation with its consequence on asset pricing and market anomalies in equity markets (size and book-to-market, profitability and investment policy). Second it focuses on private investments as sources of innovation and performance. We especially target the role of private investors (VC, PE) in those markets. Finally, optimal allocation strategy of private investors/entrepreneurs is part of our research agenda.



## Publications

### PAPERS IN PEER REVIEWED JOURNALS\*

**Hambuckers, J., Groll, A., & Kneib, T.** Understanding the Economic Determinants of the Severity of Operational Losses: A regularized Generalized Pareto Regression Approach. *Journal of Applied Econometrics*, 33(6), 898-935. @HEC Liège AJG  
<http://hdl.handle.net/2268/2184>

**Hambuckers, J., Kneib, T., Langrock, R., & Silbersdorff, A.** A Markov-switching Generalized additive model for compound Poisson processes, with applications to operational losses models. *Quantitative Finance*, 18(10), 1679-1698. @HEC Liège AJG  
<http://hdl.handle.net/2268/216968>

**Tennert, Julius, Lambert, M., & Burghof, Hans-Peter.** (Moral Hazard in High-Risk Environments: Optimal Follow-on Investing in Venture Capital Finance. *Venture Capital*, 20(4), 323-338. @HEC Liège AJG  
<http://hdl.handle.net/2268/225398>

### OTHER PROFESSIONAL ORIENTED JOURNALS

**Hübner, G.** Will robo-advice make wealth management tasteless? *Revue Bancaire et Financière*.  
<http://hdl.handle.net/2268/230161>

### WORKING PAPERS

**Fays, B., Lambert, M., & Nicolas, P.** Smart Equity Investing: Implementing Risk Optimization Techniques on Strategic Beta Portfolios. Eprint/Working paper retrieved from <http://orbi.ulg.ac.be/handle/2268/223582>.

**Fays, B., Hübner, G., & Lambert, M.** Gamma Trading Skills in Hedge Funds. Eprint/Working paper retrieved from <http://orbi.ulg.ac.be/handle/2268/223584>.<http://>

**Lambert, M., Fays, B., & Hübner, G.** Factoring Characteristics into Returns: A Clinical Approach to Fama-French Portfolio Decomposition. Eprint/Working paper retrieved from <http://orbi.ulg.ac.be/handle/2268/223585>.

## Seminars & Conferences

**Bazgour, T., Heuchenne, C., Hübner, G., & Sougné, D.** (May 23). How do Volatility Regimes Affect the Pricing of Quality and Liquidity in the Stock Market? Paper presented at 35th International Conference of the French Finance Association, Paris, France.  
<http://hdl.handle.net/2268/225235>

**Boussaid, N., & Sougné, D.** (May 22). Conditional Conservatism and Analyst Forecast Consistency. Paper presented at 35th Annual Conference of the French Finance Association (AFFI), France.  
<http://hdl.handle.net/2268/224560>

**Fays, B., Hübner, G., & Lambert, M.** (January 18). Benchmarking the Market Timing Skills of Hedge Funds: An Adjustment from Option Greeks. Poster session presented at 10th Annual Hedge Fund and Private Equity Research Conference, Paris, France.  
<http://hdl.handle.net/2268/220371>

**Fays, B., Hübner, G., & Lambert, M.** (May 03). Gamma Trading Skills in Hedge Funds. Paper presented at Research Seminar, Québec, Canada.  
<http://hdl.handle.net/2268/230169>

**Fays, B., Hübner, G., & Lambert, M.** (May 11). Gamma Trading Skills in Hedge Funds. Paper presented at HEC / MCGILL SPRING FINANCE WORKSHOP 2018, Montebello, Canada. <http://hdl.handle.net/2268/230181>

**Hambuckers, J., & Kneib, T.** (December 15). Modeling non-stationary operational risk: A smooth-transition distributional regression approach. Paper presented at 12th International Conference on Computational and Financial Econometrics, Pisa, Italy.  
<http://hdl.handle.net/2268/229879>

**Lambert, M.** (March 15). Factoring Characteristics into Returns: A Clinical Approach to Fama-French Portfolio Decomposition. Paper presented at Finance Research Seminar (Paris Dauphine), Paris, France.  
<http://hdl.handle.net/2268/221358>

**Lambert, M.** (March 27). The impact of external market conditions on real options valuation. Paper presented at 11th Financial Risks International Forum - Paris, France, Paris, France. <http://hdl.handle.net/2268/221782>

\* @HEC Liège AJG: Journals listed in the HEC Academic Journal Guide (from A+ to D)

# Research Projects

## APPLIED/INTEGRATION CONTRIBUTION

**First Spin-Off** (SPW-DGO6 - Economie, Emploi, Formation, Recherche)

SAFIR: Synthetic Adequacy Fund-Investor Rating

Project Leader(s): HÜBNER G.

Collaborator(s): TAQUET S.

**Enseignement et Recherche Scientifique** (Gouvernement)

Organisation de la journée "Joint workshop in Finance" le 23 novembre 2018

Collaborator(s): LAMBERT M.

**Ministère de l'Enseignement Supérieur et de la Recherche** (MESR)

SHARE Lux 8: SHARE Vague 8, 2018-2019

Project Leader(s): ARTIGE L.

Collaborator(s): MULLER A., PERELMAN S.

Partner(s): PI ALPERIN M. - Luxembourg Institute of Socio-Economic Research LISER - LISER

**BNP Paribas Fortis - Hospitality sector analysis:** Key success factors in hospitality sector in Belgium

Project Leader(s): LAMBERT M.

Researcher(s): LEDENT M., DAVOLI J.

## THEORETICAL/METHODOLOGICAL CONTRIBUTION

**Fonds spéciaux - crédits sectoriels** (BNB)

**INFOFIN:** The economics of information diffusion in financial markets

Project Leader(s): LAMBERT M.

Collaborator(s): GILLAIN C., MORENO N.

**Fonds spéciaux - crédits facultaires** (interne)

Mieux comprendre les préférences des investisseurs au travers des indicateurs socio-linguistiques

Project Leader(s): LAMBERT M.

Collaborator(s): GILLAIN C., ITTOO A., MORENO N.

**Fonds spéciaux - crédits facultaires** (interne)

Risk and performance analysis of operating and financial companies: economic, accounting, tax and financial perspectives

Project Leader(s): LAMBERT M.

**Crédit d'équipement - EQP** (FRS-FNRS)

**Rate and ageing:** Low rates, ageing and the economy

Project Leader(s): LAMBERT M.

Collaborator(s): HÜBNER G., LAMBERT M.

Partner(s): UCLouvain: BODART V. ; DE LA CROIX D. ; HAFNER C. ; MANIQUET F. ; OIKONOMOU R. ; PETITJEAN M. ; VAN BELLEGEM S. ; VANDENBERGHE V. ; VANNOORENBERGHE G. ; VRINS F. ; ZHANG Y.

**HEC Liège - Bourse doctorat PRISME:** The economics of the diffusion of corporate information into the financial markets.

Supervisor(s): LAMBERT M.

Researcher(s): MORENO N.

## MISSIONS & EXPERT'S REPORTS

**Evaluation et suivi d'un projet de recherche Doctiris**

Main financing source: Innoviris

Academic / Scientific Leader: LAMBERT M.

**Comité scientifique - évaluation et sélection de papiers (Applied Financial Management Association Meeting, Factor Investing Consortium, ...)**

Academic Society : Financial Management Association

Collaborator: LAMBERT M.

**Program Committee of the 35th Annual Conference of the French Finance Association (AFFI)**

Academic Society: French Finance Association

Collaborator: LAMBERT M.

## Scientific Committee

### EDITORIAL BOARD OF INTERNATIONAL JOURNALS

**HÜBNER G.**

Studies in Economics and Finance

Role: Associate editor

### ORGANIZATION COMMITTEES OF CONFERENCES

**LAMBERT M.**

International PhD workshop (Maastricht University, Université de Liège, University of Luxembourg, RWTH Aachen University)

Role: Member

**LAMBERT M.**

Corporate Finance Day

Role: Member

### STEERING COMMITTEES OF SCIENTIFIC ASSOCIATIONS

**HÜBNER G.**

Association Française de Finance (AFFI)

Role: Chairman

**HÜBNER G.**

Conseil d'administration, ORBEL - Belgian Operations Research Society  
Role: Member

## PhDs

### PHDS IN PROGRESS

**BABAEI H.**

A Multi-agent Approach to Financial Market Dynamics - Focus on Individual Risk Perception, Expectation Formation Processes and Aggregate Financial Markets Dynamics.  
(Supervisor: MULLER A.)

**EL QOUQI VS.**

Finance des marchés, - Produits dérivés.  
(Supervisor: HÜBNER G.)

**FAYS B.**

An Optimized Evaluation of Hedge Fund Market Timing Skills: A Risk-Measure and Alpha Correction Approach.  
(Co-Supervisors: LAMBERT M., HÜBNER G.)

**GILLAIN C.**

Data analytics and Financial Market Anomalies.  
(Co-supervisors: LAMBERT M., ITTO A.)

**LEDENT M.**

Performance and risk analysis of private equity investments.  
(Supervisor: LAMBERT M.)

**MATABARO B. L.**

Essays on African Banking system  
(Supervisor: MULLER A.)

**MORENO MIRANDA N.**

The economics of the diffusion of corporate information into the financial markets.  
(Supervisor: LAMBERT M.)

**SCHLECK D.**

Prix de transfert et "réorganisations fonctionnelles" au sein des entreprises multinationales - Contribution à l'étude de l'impact du facteur fiscal sur la réallocation des fonctions entre sociétés d'un même groupe.  
(Co-Supervisors: BOURGEOIS M., LAMBERT M.)

**YOUSOUF A.H.**

Essays in Multinational Networking.  
(Supervisor: MULLER A.)

## Research Seminars

Coordinator: Marie Lambert

**THOMAS RENAULT**, Université Paris I Panthéon-Sorbonne - Laboratoire PRISM; Catholic University of Lille - IESEG School of Management, France  
Market manipulation and suspicious stock recommendations on social media (Jan., 09)

**DAVID ARDIA**, Université de Neuchâtel (Suisse), Switzerland  
Forecasting Risk with Markov-Switching GARCH Models: A Large-Scale Performance Study (Mar., 23)

**DENADA IBRUSHI**, HEC Montréal, HEC Liège, Canada  
Time Variation in Cash Flows and Discount Rates (Apr., 16)

**HUGUES LANGLOIS**, HEC Paris, France  
Time-Varying Risk Premia in Large International Equity Markets (Jun., 05)

**JULIEN HAMBUCKERS**, HEC Liège, Belgium  
Time-varying dependencies in exchange rate markets: a distributional regression approach (Oct., 03)

**YAN ALPEROVYCH**, EM Lyon, France  
On the syndication between the private and public venture capitalists (Nov., 14)

**PASCAL FRANÇOIS**, HEC Montréal, Canada  
Smile-implied hedging (Dec., 03)

### IN COLLABORATION WITH NBB (NATIONAL BRUSSELS WBANK)

**MATHIAS DEWATRIPONT**, Université Libre de Bruxelles, Solvay Brussels School and ECARES, Belgium  
Liquidity Regulation, Bail-ins and Bailouts (May, 16)

**TERRANCE ODEAN**, University of California, Berkeley, USA  
Investor attention & inattention: The Allocation of a Limited Resource (May, 23)

**DARRELL DUFFIE**, Stanford University, Graduate School of Business, USA  
Post crisis bank regulations and the liquidity of financial markets (June, 1)

**DOMENICO GIANNONE**, Federal Reserve Bank of New York, USA and Giorgio Primiceri, Northwestern University, USA,  
Economic Predictions with Big Data: The Illusion of parsimony (June, 8)

## Other Scientific Activities

### REFEREE REPORTS

**HAMBUCKERS J.**

*AStA Advances in Statistical Analysis*

**HAMBUCKERS J.**

*Quantitative finance*

**LAMBERT M.**

*International Review of Financial Analysis*

**LAMBERT M.**

*Quantitative finance*

### INTERNATIONAL NETWORKS

**HAMBUCKERS J.**

International Association for Applied Econometrics

Role: Member

**LAMBERT M.**

INEF-Network(Thematic Network Innovation, Entrepreneurship and Finance)

### ACADEMIC SOCIETIES

**HÜBNER G.**

Association Française de Finance (AFFI)

Role: Board member

**LAMBERT M.**

European Finance Association

Role: Member

**LAMBERT M.**

Association Française de Finance (AFFI)

Role: Member

**LAMBERT M.**

Financial Management Association

### ORGANIZATION OF WORKSHOPS AT HEC

*International PhD workshop (Maastricht, Liege, Namur, Aachen, Luxembourg)*

Organizers: **LAMBERT M.**, NEUGEBAUER T. (University of Luxembourg), BÉREAU S. (University of Namur (UNamur)), BAMS D. (Maastricht School of Management)

### DIVERS SPEECHES

**Lambert, M.** Commentaires sur le baromètre de l'épargne CBC 2018. Conférence de presse CBC (baromètre de l'épargne), Brussels, Belgium.

**Lambert, M.** On the Importance of Factor Construction and Methodology Choice. TES 2018 (Trackinsight Summit 2018), Paris, France.

**Lambert, M.** The challenges of defining a responsible and impactful research policy. Europe, Middle East, and Africa Annual Conference, Paris.

**Lambert, M.** Factor methodologies matter. Quant Vision Summit, Paris, France.







# Changing Workplace & Strategic HRM



François Pichault  
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The academic and scientific staff involved in this field develops researches on the evolutions of the workplace in a global and digitalized work. Three main axes may characterize such transformations and are developed by three research units accordingly:

- new forms of work and employment, technological innovation and organizational change (LENTIC)
- gender, diversity management and equal opportunities (EGID)
- skills development and knowledge management (Skills Management Cell)

Such evolutions pave the way to new developments in strategic HRM through organizational change processes and intrapreneurship skills, studied by the above-mentioned research units.

Numerous publications and PhD theses are produced on these topics. The research activities of the peak are characterized by a permanent balance between pure academic research and action-research accompanying public and private organisations in the design and implementation of HR strategies and change projects, either in Belgium or abroad. A strong involvement may be observed with regional, national or international professional associations in the field (HR managers, diversity managers, etc.).

Within the University of Liège, strong research links have been developed with the Faculty of Social Sciences and the Faculty of Psychology (interdisciplinary ARC project, co-supervision of PhD, etc.) and could lead to further integration in the near future.

International partnerships have been established with other Universities either in Belgium (Leuven, Louvain-La-Neuve, Hasselt, Antwerp, Ghent) or abroad (Paris-Dauphine, Lille, HEC Montreal, Wharton School, Bentley, Tilburg, Aachen, Monash University, University of California in Santa Cruz, etc.). The academic and scientific staff of the peak is deeply engaged in international scientific networks (the French-speaking Association of Human Resource Management AGRH amongst others, with positions of vice-president, coordinator of working groups, etc.). Senior professors are regularly asked to take part in PhD committees outside Belgium.

Several academic and scientific members of the field are also committed in the study of intercultural questions in a global world and take charge of cooperation activities with developing countries, namely in Africa.

# Publications

## BOOKS

**Alarda, L.** Legitimation process: the case of the NPOs in Palestine. Université de Liège, Liège, Belgique. <http://hdl.handle.net/2268/227882>

**Sem, P., & Cornet, A.** Méthodes de recherche en sciences économiques et de gestion. Sarrebruck, Allemagne: Edition universitaire européenne.

**Esposito, G.** New Public Management and Strategic Change in the European Railways - A critical study on the EU governance of megaprojects. Université de Liège, Liège, Belgique. <http://hdl.handle.net/2268/226428>

## CHAPTERS IN BOOK

**Cornet, A., & Fatoux, F.** Dialogue social et gestion de la diversité. In J.-F., Chanlat & M., Ozbilgin, Management et diversité: comparaisons internationales (Tome 1). Herman.

**Fox, F., & Pichault, F.** Le changement et ses raisons: entre libération et émancipation. In M., Lauzier & N., Lemieux, Améliorer la gestion du changement dans les organisations. Vers de nouvelles connaissances, stratégies et expériences (pp. 83-112). Québec, Canada: Presses de l'Université du Québec.

**El Abboubi, M., De Saint SAUVEUR, A., & Cornet, A.** La gestion de la diversité: ruptures et innovations pour la GRH. In A.-F., Bender, A., Klarsfeld, & C., Naschberger, Gestion de la diversité: quels enjeux pour la fonction RH? Paris, France: Vuiber, coll. AGRH.

**Tanguay, D., & Cornet, A.** Concilier l'inconciliable: le doctorat et les enfants ! In N., HEDJERASSI & S., DEVINEAU, Le genre dans les sphères de l'éducation, de la formation et du travail. Mises en images et représentations. Rouen, France: Presses Universitaires De Rouen Et Du Havre (PURH).

## PAPERS IN PEER REVIEWED JOURNALS\*

**Bobadilla, N., Göransson, M., & Pichault, F.** (November 14). Urban entrepreneurship through art-based interventions: unveiling a translation process. Entrepreneurship and Regional Development. @HEC Liège AJG <http://hdl.handle.net/2268/232083>

**Esposito, G., Ferlie, E., & Gaeta, G. L.** The European Public Sectors in the Age of Managerialism. Politics. <http://hdl.handle.net/2268/218454>

**Lorquet, N., Orianne, J.-F., & Pichault, F.** Who takes care of non-standard career paths? The role of labour market intermediaries. European Journal of Industrial Relations, 24(3), 279-295. @HEC Liège AJG <http://hdl.handle.net/2268/215741>

**Pichault, F., Lorquet, N., & Orianne, J.-F.** Vers la fin de la gestion des carrières ? La GRH face au rôle croissant des intermédiaires du marché du travail. Relations Industrielles, 73(1), 11-38. @HEC Liège AJG <http://hdl.handle.net/2268/223797>

**Xhaufclair, V., Huybrechts, B., & Pichault, F.** How can new players establish themselves in highly institutionalized labour markets? A Belgian case study in the area of project-based work. British Journal of Industrial Relations, 56(2), 370-394. @HEC Liège AJG <http://hdl.handle.net/2268/214870>

## OTHER PROFESSIONAL ORIENTED JOURNALS

**Huybrechts, B., Pichault, F., & Xhaufclair, V.** (May 31). De l'artiste plasticien au chauffeur Uber, réinventer l'accompagnement des travailleurs autonomes. The Conversation. <http://hdl.handle.net/2268/232222>

## REPORTS

**Brolis, O., Moreau, C., Pichault, F., Lisein, O., Stouffs, A., & Paul, S.** L'impact de la révolution numérique sur le secteur des services à la personne. ADN. <http://hdl.handle.net/2268/232474>

**Pichault, F., Naedenoen, F., & Florin, L.** Vers le Total Workforce Management Une analyse qualitative du rôle des intermédiaires sur le marché du travail. Securex. <http://hdl.handle.net/2268/231006>

\* @HEC Liège AJG: Journals listed in the HEC Academic Journal Guide (from A+ to D)

## Seminars & Conferences

**Beuker, L., & Gérard, J.** (July 11). Construire l'action publique par les chiffres: le cas des intermédiaires privés et publics de l'emploi en Belgique francophone. Paper presented at Seizième édition des Journées Internationales de Sociologie du Travail (2018) intitulée « Le travail en luttés: résistances, conflictualités et actions collectives, Paris, France. <http://hdl.handle.net/2268/226515>

**Cornet, A.** (January). L'égalité professionnelle femmes/hommes. Paper presented at Réseau femmes GRH Afrika avec femmes de l'UEA Bukavu et l'ISC-étudiants et employeurs, bukavu, RDC. <http://hdl.handle.net/2268/222949>

**Cornet, A.** (January). Publier en gestion. Paper presented at cours thésard, doctorants et DEA, Lubumbashi, RDC. <http://hdl.handle.net/2268/222948>

**Cornet, A., & Matamba MUJIKI MUABA, P.** (Questionnement sur les catégories de la diversité à partir de retour d'expériences en Afrique subsaharienne. In M., Racine & Y., Hallée, Les diversités en milieux de travail: Discrimination, égalité des chances et inclusion. Québec, Canada: Presses de l'Université Laval (PUL). <http://hdl.handle.net/2268/219595>

**Dujardin, J.-M., & Randaxhe, D.** (December 07). A sustainable career for European citizens. Is this possible? Paper presented at Lifelong Learning Week 2018, Bruxelles, Belgique. <http://hdl.handle.net/2268/232165>

**Dujardin, J.-M.** (July 06). The Benefits of Learning Environments: how to Put Non Formal and Informal Learning in the Spotlight, animation of a break-out session. Paper presented at Annual Conference: Lifelong Learning Culture: a Partnership for Rethinking Education, Vienna, Austria. <http://hdl.handle.net/2268/230247>

**Fauconneau-Dufresne, S., Jemine, G., Pichault, F., & Rondeaux, G.** (July 05). Activity-based working environments as social constructs: a discussion of the sensemaking perspective. Paper presented at 34th EGOS Colloquium: Surprise in and around Organizations: Journeys to the Unexpected, Tallinn, Estonie. <http://hdl.handle.net/2268/226804>

**Fauconneau-Dufresne, S., Jemine, G., Pichault, F., & Rondeaux, G.** (June 22). Beyond flexibility: confronting normative and lived spaces of New Ways of Working. Paper presented at "New Ways of Working (NWW): Rematerializing Organizations in the Digital Age", Amsterdam, Netherlands. <http://hdl.handle.net/2268/225836>

**Florin, L., & Pichault, F.** (February 21). Exploring the various dimensions of autonomy in project-based work. Paper presented at Between Capital and the State: Autonomous Workers, the Platform Economy, and the Challenge of Labor Regulation, Leuven, Belgium. <http://hdl.handle.net/2268/229506>

**Florin, L., & Pichault, F.** (June 05). Exploring the autonomy/control paradox of independent professionals: towards an analytical framework. Paper presented at 34th Colloquium European Group for Organizational Studies (EGOS), Tallinn, Estonia. <http://hdl.handle.net/2268/229505>

**Jemine, G., Dubois, C., & Pichault, F.** (June 22). Legitimizing New Ways of Working: discursive and material dimensions of a transformation project. Paper presented at New Ways of Working (NWW): Rematerializing Organizations in the Digital Age, Amsterdam, Netherlands. <http://hdl.handle.net/2268/225837>

**Naedenoen, F.** (June). New autonomous workers collectivism, The Belgian Deliveroo Riders case. Paper presented at 7th Ethnography & Qualitative Research Conference, Bergamo, Italie. <http://hdl.handle.net/2268/224800>

**Pichault, F., & Benner, C.** (June). Building Collective Capacities for Non-Standard High-Tech Workers: A Comparative Perspective. Paper presented at Travail et emploi à l'ère du capitalisme de plateforme, Paris, France. <http://hdl.handle.net/2268/232201>

**Pichault, F., & Koene, B.** (June). New Forms of Collective Capabilities for Autonomous Workers: Exploring Belgian and Dutch Initiatives. Paper presented at Global Reordering: Prospects for Equality, Democracy and Justice, Kyoto, Japon. <http://hdl.handle.net/2268/232202>

**Pichault, F.** (April). New Ways of Working: comment construire la confiance? Paper presented at Chaire Confiance et Management, Paris, France. <http://hdl.handle.net/2268/232206>

**Pichault, F.** (November 30). Discussion des nouveaux enjeux de la concertation sociale. Paper presented at Organes et instruments de la concertation sociale, Louvain-la-Neuve, Belgique. <http://hdl.handle.net/2268/232197>

**Pichault, F.** (October 25). Managerial challenges linked to new flexible work arrangements. Paper presented at Social Academy, Bruxelles, Belgique. <http://hdl.handle.net/2268/232198>

**Pichault, F.** (October 19). La conceptualisation des nouvelles formes d'emploi du point de vue de la gestion des ressources humaines. Paper presented at La 4ième Révolution Industrielle et le droit social, Bruxelles, Belgique. <http://hdl.handle.net/2268/232199>

**Pichault, F.** (October 10). New Ways of Working: comment réussir le changement? Paper presented at Forum Financier, Liège, Belgique. <http://hdl.handle.net/2268/232200>



**Pichault, F.** (May 03). La fonction RH face aux New Ways of Working: grilles d'analyse et retours d'expérience. Paper presented at Quelle fonction RH à 10 ans?, Liège, Belgique. <http://hdl.handle.net/2268/232204>

**Pichault, F.** (May 03). La GRH comme levier d'accompagnement des transformations de l'Université. Paper presented at XXI<sup>e</sup> colloque du Groupement International des Secrétaires Généraux des Universités Francophones (GISGUF), Liège, Belgique. <http://hdl.handle.net/2268/232203>

**Pichault, F.** (April 24). New ways of working: grilles d'analyse et retours d'expérience. Paper presented at Digitalisation et économie collaborative, Bruxelles, Belgique. <http://hdl.handle.net/2268/232205>

**Pichault, F.** (March 28). Emerging forms of collective representation for autonomous workers: an analytical grid. Paper presented at Journée d'Etudes sur « Le droit de négociation collective des travailleurs indépendants », Bruxelles, Belgique. <http://hdl.handle.net/2268/232207>

**Sanfratello, A., & Lisein, O.** (August). Implémenter des tableaux de bord RH dans un secteur hospitalier en mutation: retour contrasté sur les enjeux de l'outillage managérial des services médicaux de quatre hôpitaux. Paper presented at 9<sup>ème</sup> Conférence francophone en Gestion et Ingénierie des Systèmes Hospitaliers (GISEH), Genève, Suisse. <http://hdl.handle.net/2268/228233>

## Pedagogical Productions

**Jemine, G., & Lisein, O.** Entre procédures et autonomie: l'agent d'assurances face au «NWoW» (étude de cas non publiée). <http://hdl.handle.net/2268/232221>

## Research Projects

### APPLIED/INTEGRATION CONTRIBUTION

#### Enseignement et Recherche Scientifique (Gouvernement)

**Genre:** Mise en place d'une personne de contact genre au sein de l'Université de Liège  
Project Leader(s): **CORNET A.**  
Role: Coordinator

#### PRD: projet de recherche pour le développement (ARES - CCD)

NIGER: Amélioration de la filière avicole dans la région de Niamey  
Collaborator(s): **HAKIZUMUKAMA A.**  
Role: Coordinator

#### DG Emploi, affaires sociales et inclusion (EMPL)

**DIRESOC:** Digitalisation and restructuring: which social dialogue ?

Project Leader(s): **PICHAULT F.**  
Researcher(s): **FRANSSEN M., BEUKER L., BIERBAUM F.**  
Collaborator(s): **NAEDENOEN F., FAYS P.**  
Role: Coordinator

Partner(s): Arbeitsforschung und Transfer e.V.; ASTREES Association travail emploi Europe société; Bulgarian Academy of Sciences; European Labour Institute (ELI); Fondazione Giuseppe di Vittorio (FDV); Fundacion Cultural 1<sup>o</sup> de mayo; University of Göteborg; University of Lisboa

#### SPW-DGO6 - Economie, Emploi, Formation, Recherche

Vers des formes innovantes et durables de sécurisation des parcours professionnels flexibles

Researcher(s): **NAEDENOEN F.**  
Project Leader(s): **PICHAULT F.**  
Role: Partner

#### Interreg V A - Grande Région (Interreg)

**PRODPILOT:** Pilotage de la productivité pour les PME dans la Grande Région

Project Leader(s): **LISEIN O.**  
Researcher(s): **MARENNE C.**  
Role: Partner

Partner(s): KACEM I. - University of Lorraine; PLAPPER P. - University of Luxemburg; SCHACKMANN P. - ed-media e.V.

#### Fonds Social Européen - Formation Continue et Carrière Durable

Mise au point d'un accompagnement de groupe à la gestion de carrière

Project Leader(s): **DUJARDIN J.**  
Researcher(s): **RANDAXHE D.**

Partner(s): Antwerp Management School, University of Antwerp

**Ministère de l'emploi - Consortium diversité Wallonie:** Encourager les employeurs à mettre en place des politiques de gestion de la diversité  
 Project Leader(s): **CORNET A.**  
 Researcher(s): **HAKIZUMUKAMA A.**  
 Partner(s): CRIPEL; FGTB- setca; CSC cellule diversité; FOREM

**Région wallonne - CRGEW:** Accompagnement du Centre de Ressources pour les Groupements d'Employeurs Wallonie: réalisation d'actions d'information, de sensibilisation et d'impulsion relatives aux "Groupements d'Employeurs" (GE); création effective et accompagnement de GE  
 Project Leader(s): **PICHAULT F.**  
 Researcher(s): **NAEDENOEN F.**  
 Partner(s): CCILVN

**Fonds Spéciaux pour la Recherche - Gig-Economy:** Enquête sur les travailleurs autonomes: diffusion via les plateformes de la gig economy  
 Researcher(s): **NAEDENOEN F.**  
 Project Leader(s): **PICHAULT F.**

## THEORETICAL/METHODOLOGICAL CONTRIBUTION

**EoS - The Excellence of Science (FRS-FNRS)**  
**CARST:** *Sustainable careers for project-based and dual-earner workers: a stakeholders perspective*  
 Project Leader(s): **PICHAULT F.**  
 Researcher(s): **NAEDENOEN F., BIERBAUM F., ANTOINE M., SULBOUT J.**  
 Role: Coordinator  
 Partner(s): DE VOS A. - Antwerp Management School, University of Antwerp; VERBRUGGEN M. - KU Leuven  
**Agence du Numérique (AdN)**  
**DIGI-SERV:** *Impact de la révolution numérique sur le secteur des services aux personnes*  
 Project Leader(s): **PICHAULT F.**  
 Researcher(s): **PAUL S., MOREAU C., STOUFFS A., BROLIS O.**  
 Collaborator(s): **LISEIN O., MERTENS DE WILMARS S.**  
 Role: Coordinator  
 Partner(s): NYSENS M. - Université Catholique de Louvain (UCLouvain)

**DG Emploi, affaires sociales et inclusion (EMPL)**  
**DIRESOC:** *Digitalisation and restructuring: which social dialogue?*  
 Project Leader(s): **PICHAULT F.**  
 Researcher(s): **FRANSSSEN M., BEUKER L., BIERBAUM F.**  
 Collaborator(s): **NAEDENOEN F., FAYS P.**  
 Role: Coordinator  
 Partner(s): Arbeitsforschung und Transfer e.V.; ASTREES Association travail emploi Europe société; Bulgarian Academy of Sciences; European Labour Institute (ELI); Fondazione Giuseppe di Vittorio (FDV); Fundacion Cultural 1º de mayo; University of Göteborg; University of Lisboa

**École supérieure de commerce de Paris (ESCP Europe)**  
**DSCE:** *Chaire Dialogue social et compétitivité des entreprises*  
 Project Leader(s): **PICHAULT F.**  
 Researcher(s): **BEUKER L.**  
 Role: Partner

**Securex - Professorship securex:** Towards new opportunities for organisations, people & employment intermediaries in a changing labour market.  
 Project Leader(s): **PICHAULT F.**  
 Researcher(s): **NAEDENOEN F.**

**Securex - Doctorat F. Naedenoen:** Impact des nouvelles formes d'emploi sur la fonction RH  
 Securex  
 Project Leader(s): **PICHAULT F.**  
 Researcher(s): **NAEDENOEN F.**  
 Partner(s): **SCHOENAERS F.** - University of Liège (ULiège) - FaSS

**Institut des Métiers Orange - Orange IA:** Etude prospective des impacts de l'intelligence artificielle sur les activités et les métiers du Groupe Orange  
 Project Leader(s): **PICHAULT F.**  
 Researcher(s): **RONDEAUX G., FRANSSSEN M., LISEIN O.**

**COMEOS:** Prospective sur les métiers de la distribution  
 Antwerp Management School, University of Antwerp  
 Project Leader(s): **PICHAULT F.**

HEC Liège - **Bourse PRISME:** Contrat psychologique des travailleurs atypiques  
 Supervisor(s): **PICHAULT F.**  
 Researcher(s): **TUFAN P.**

## MISSIONS & EXPERT'S REPORTS

**Accompagnement de la SWCS dans le développement des compétences managériales, la mise en place d'un processus d'amélioration et la valorisation de l'atteinte des objectifs**  
 Main financing source: SWCS Société wallonne du crédit social  
 Project Leader: **PICHAULT F.**  
 Researcher: **NAEDENOEN F.**

**Aide à l'optimisation des modes de fonctionnement organisationnels et RH d'Arysta, en regard de ses environnements internes et externes**  
 Main financing source: Arysta LifeScience Benelux  
 Project Leader: **PICHAULT F.**  
 Researcher: **NAEDENOEN F.**

**Diagnostic et accompagnement dans la perspective du projet d'intensification des soins**  
 Main financing source: Clinique Notre-Dame des Anges  
 Project Leader: **PICHAULT F.**  
 Researcher: **FOX F., PICHAULT F., RONDEAUX G.**

**Démarche de diagnostic et d'accompagnement d'un projet de type « NWoW » (New Way of Working) et « NWL » (New Ways of Learning)**

Main financing source: HEC Liège

Project Leader: **PICHAULT F.**

Researcher: **RONDEAUX G.**

**Accompagnement de la zone de police Secova dans une démarche d'optimisation du fonctionnement des postes de police de l'ensemble de la zone**

Main financing source: Zone de Police Secova

Academic / Scientific Leader: **PICHAULT F.**

Collaborator: **RONDEAUX G., BEUKER L.**

**Audit organisationnel de la structure de gouvernance actuelle pour la faire évoluer vers une organisation plus efficiente et mieux adaptée aux défis d'une institution médico-sociale moderne**

Main financing source: Instituts médico-sociaux de Ciney ASBL (IMS Ciney)

Project Leader: **PICHAULT F.**

Researcher: **BEUKER L., FRANSSSEN M.**

**Aubes - Accompagnement de la démarche de conception de la nouvelle usine, impliquant les diverses parties prenantes (opérations, RH, finances, SI, etc.)**

Main financing source: Safran Aero Boosters

Academic / Scientific Leader: **PICHAULT F.**

Collaborator: **FOX F.**

**Proposition d'une évolution des contextes de travail qui contribuerait à optimiser divers aspects relatifs à l'organisation du travail et aux dynamiques collectives**

Main financing source: Emerson Climate Technologies

Project Leader: **PICHAULT F.**

Researcher: **RONDEAUX G.**

**Accompagnement de la branche Total GRP Customer dans la gestion du changement organisationnel**

Main financing source: Total

Academic / Scientific Leader: **PICHAULT F.**

Collaborator: **FOX F., NAEDENOEN F.**

## Scientific Committee

### EDITORIAL BOARD OF INTERNATIONAL JOURNALS

**PICHAULT F.**

Revue Management International

Role: Member of the reading committee

**PICHAULT F.**

International Review of Administrative Sciences/Revue

Internationale des Sciences Administratives

Role: Member of the reading committee

**PICHAULT F.**

Revue @GRH

Role: Member of the reading committee

### SCIENTIFIC COMMITTEES OF INSTITUTIONS

**CORNET A.**

Chaire Diversité (Paris Dauphine)

Role: Member

**CORNET A.**

Comité scientifique éthique en sciences humaines Ulg

Role: Member

**CORNET A.**

ARGO-commission consultative genre- coopération internationale

Role: Member

**CORNET A.**

Personnes de contact genre

Role: Member

**CORNET A.**

Comité Femmes et Sciences Fédération Wallonie Bruxelles

Role: Member

**CORNET A.**

Conseil wallon pour l'égalité des femmes et des hommes

Role: Member

**PICHAULT F.**

CEREQ

Role: Member

**PICHAULT F.**

Entreprise & Personnel

Role: Chairman / president

## RONDEAUX G.

Projet HECTOR (Hybrid Electronic Curation, transformation & Organisation of Records) (projet BRAIN - Belspo)  
Role: Member

## ORGANIZATION COMMITTEES OF CONFERENCES

### PICHAULT F.

Association francophone de Gestion des Ressources Humaines  
Role: Member of the executive bureau

## JURY

### LISEIN O.

FNRS-FRS: Jury Fresh – « Défis économiques et sociaux »  
Role: Member

## PhDs

### DEFENDED PHD

#### LARDA A.

Legitimation Process: The case of Not-for-Profit Organizations in Palestine.  
(Supervisor: PICHAULT F.)

#### ESPOSITO G.

New Public Management and Strategic Change in the European Railways. A critical study on the EU governance of megaprojects.  
(Supervisor: PICHAULT F.)

#### VANDENBERGH J.-M.

Comment une innovation organisationnelle radicale devient-elle la référence dans l'administration publique ? NMP et NWoW dans la fonction publique fédérale belge  
(Supervisor: PICHAULT F.)

## PHDs IN PROGRESS

### FAUCONNEAU-DUFRESNE S.

L'introduction des nouvelles formes de travail à distance comme processus de changement.  
(Supervisor: PICHAULT F.)

### FOX F.

Les restructurations d'entreprise en tant que processus de gestion du changement.  
(Supervisor: PICHAULT F.)

### HAMMACHE I.

Développement de l'industrie textile en Algérie: Etats des lieux et perspectives.  
(Supervisor: ROBERT J.)

### KALENGA KALAMBAYI F.

Le vécu socioprofessionnel de l'interculturalité par la diaspora congolaise de retour en RDC et l'évaluation socio-économique  
(Supervisor: CORNET A.)

### KITENGE MANINGO S.

Les trajectoires professionnelles des femmes en Afrique Subsaharienne au travers des récits de vie Comparaison entre trois générations et deux pays: La RDC et le Rwanda  
(Supervisor: CORNET A.)

### LIMEKA LI-MABILA L.

Analyse des conditions de mise en œuvre des logiciels d'e-GRH pour la gestion du personnel dans les Établissements d'Enseignement Supérieur à Kinshasa (RDC)  
(Supervisor: CORNET A.)

### MARENNE C.

L'impact de l'innovation sur la performance des PME: comment les petites et moyennes entreprises s'approprient-elles les innovations dans le but d'accroître leurs performances ?  
(Supervisor: LISEIN O.)

### NAEDENOEN F.

New forms of work arrangements: main challenges in Belgium.  
(Supervisor: PICHAULT F.)

### SULBOUT J.

Sustainable careers for project-based and dual-earner workers: a stakeholders' perspective  
(Supervisor: PICHAULT F.)



# Research Seminars

Coordinator: Gregory Jemine

**LORENZO CICATIELLO**, University of Naples  
“L’Orientale”, Italy  
The environmental impact of liberalization: the case of European railways (Feb., 22)

**GIUSEPPE LUCIO GAETA**, University of Naples, Italy  
Was it worth it? Ph.D. holders’ career prospects and overeducation in Italy (Apr., 23)

**CHRIS BENNER**, UC Santa Cruz, Bolivia  
Securing Livelihoods: Technology, Inequality, and the Future of Work and Employment (Jun., 04)

**PINAR TUFAN**, KU Leuven, Belgium  
Psychological contracts (Oct., 25)

**VASSIL KAROV**, European Trade Union Institute, Belgium  
Digitalization and work: social changes and policy challenges (Nov., 22)

# Other Scientific Activities

## REFEREE REPORTS

**CORNET A.**  
*Management International Hec Montréal*

**CORNET A.**  
*Questions de management*

**LISEIN O.**  
*Revue Internationale PME (RIPME)*

**PICHAULT F.**  
*@GRH*

**PICHAULT F.**  
*International Review of Administrative Sciences*

**PICHAULT F.**  
*Relations industrielles / Industrial relations*

**PICHAULT F.**  
*Revue de gestion des ressources humaines*

**PICHAULT F.**  
*Revue française de gestion*

**PICHAULT F.**  
*Management international*

## INTERNATIONAL NETWORKS

**CORNET A.**  
Rencontres internationales de la diversité  
Role: Scientific expert

**CORNET A.**  
DIVNET

**CORNET A.**  
AGRH - groupe genre et diversité  
Role: Coordinator

**DUJARDIN J.**  
Lifelong Learning Platform at European level  
Role: Scientific expert

**DUJARDIN J.**  
European Universities Continuing Education Network  
Role: Partner

**LISEIN O.**

INEF-Network (Thematic Network - Innovation, Entrepreneurship and Finance)

Role: Partner

**NAEDENOEN F.**

IRENE

**PICHAULT F.**

Chaire Francqui international : co-animation of seminars given by Prof. S. Vallas), invited at KU Leuven

**PICHAULT F.**

EGOS (European Group for Organizational Studies)

Role: Partner

**ROBERT J.**

International Sociological Association

Role: Member

**ROBERT J.**

Association internationale des sociologues de langue française

Role: Member

## ACADEMIC SOCIETIES

**PICHAULT F.**

AGRH, Association Francophone de Gestion des Ressources Humaines

Role: Member of the executive bureau

**PICHAULT F.**

SASE, Society for the Advancement of Socio-Economics

Role: Member

## ORGANIZATION OF WORKSHOPS

*GRH Workshop*

Organizers: **ROBERT J.**

Speakers: SAUCET M. (San Diego University)

## Award

**PICHAULT F.**

Chaire Francqui au titre belge

Université Catholique de Louvain (UCLouvain) (Belgium)





# Economic Analysis & Policy



Joseph Tharakan  
J. Tharakan@uliege.be

The research domain “economic analysis and policy” focuses on applying different economic approaches to facilitate the decision-making process at the firm and the government level. The researchers contributing to the field, actively promote empirical and applied theoretical analysis to evaluate policy-relevant issues.

They are interested in a wide-spectrum of issues ranging from the regulation of network industries (energy, telecommunication, transport, etc.), innovation, competition policy, the impact of new technologies on regional development or the sustainability of social policies. One of their primary concern is to contribute to the policy debate via scientific research analysis, press coverage, opinion pieces or policy briefs of their research outputs.

The domain is organized around two research centers:

**The Liège Competition and Innovation Institute (LCII)** is a research center created jointly by economic and law faculty members. It aims to study the links between competition and innovation in our society. At the boundary of their respective discipline, researchers seek to improve industrial and competition policies. Their researches focus on competition between digital platforms, intellectual property, innovation and standardization, antitrust and market regulation and the role of technologies (AI) and data in market competition.

**The Center of Research in Public Economics and Population Economics (CREPP)** focuses on analyzing public policies at national and regional levels. It uses empirical and theoretical methods to shed new light on public policies - such as social protection, energy reform, trade policy - and their potential impact on population wellbeing and economic performance.



# Publications

## BOOKS

**Marcos Ramos, J.** An Inquiry Into the Origins of Firm Dominance in EU Competition Law. Université de Liège, Liège, Belgique. <http://hdl.handle.net/2268/232407>

**Schoenmaeckers, J.** Essays on Long-Term Care. Université de Liège, Liège, Belgique. <http://hdl.handle.net/2268/228854>

## CHAPTERS IN BOOK

**Lefebvre, M., Perelman, S., & Pestieau, P.** Productivity and Welfare Performance in the Public Sector. In K. C. A., Lovell, R. C., Sickles, & E., Grifell-Tatjé (Ed.), The Oxford Handbook of Productivity Analysis (pp. 557-591). Oxford University Press.

**Pestieau, P., & Ponthiere, G.** The Public Economics Long Term Care, in Martin Guzman, ed., Towards a Just Society: Joseph Stiglitz and 21st Century Economics. Towards a Just Society: Joseph Stiglitz and 21st Century Economics (Columbia University Press). Columbia.

**Sorgho, Z.** The spread of international trade agreements: A dynamics towards the 'spaghetti bowl' phenomenon? In R., Looney (Ed.), Handbook of International Trade Agreements: Country, Regional and Global Approaches (pp. 41-55). Oxfordshire, United Kingdom: Routledge.

## PAPERS IN PEER REVIEWED JOURNALS\*

**Dujardin, C., Fonder, M., & Lejeune, B.** Does formal child care availability for 0-3 year olds boost mothers' employment rate? Panel data based evidence from Belgium. Annales d'Economie et de Statistique, 129, 103-126. @HEC Liège AJG <http://hdl.handle.net/2268/225652>

**Gautier, A., Jacqmin, J., & Poudou, J.-C.** The prosumers and the grid. Journal of Regulatory Economics, 53, 100-126. @HEC Liège AJG <http://hdl.handle.net/2268/208969>

**Gautier, A., & Petit, N.** Optimal enforcement of competition policy: the commitments procedure under uncertainty. European Journal of Law and Economics, 45(2), 195-224. @HEC Liège AJG <http://hdl.handle.net/2268/180742>

**Jacqmin, J.** The role of market-oriented institutions in the deployment of renewable energies: evidences from Europe. Applied Economics, 50(2), 202-215. @HEC Liège AJG <http://hdl.handle.net/2268/211330>

**Klimaviciute, J., & Pestieau, P.** Long-term care social insurance: How to avoid big losses? International Tax and Public Finance, 25(1), 99-139. @HEC Liège AJG <http://hdl.handle.net/2268/211917>

**Lefebvre, M., Perelman, S., & Schoenmaeckers, J.** In-égalités face à la mort et au risque de dépendance. Revue Française d'Economie, 33(2), 75-111. @HEC Liège AJG <http://hdl.handle.net/2268/229882>

**Lefebvre, M., & Tharakan, J.** Intermediaries, transport costs and interlinked transactions. Review of Development Economics, 22(2), 484-506. @HEC Liège AJG <http://hdl.handle.net/2268/219702>

**Lefebvre, M., Pestieau, P., & Ponthiere, G.** FGT Old-Age Poverty Measures and the Mortality Paradox: Theory and Evidence. Review of Income and Wealth, 64(2), 428-458. @HEC Liège AJG <http://hdl.handle.net/2268/230303>

**Pestieau, P., & Broadway, R.** The Dubious Case for Annual Wealth Taxation. CESifo DICE Report, 16, 3-7. <http://hdl.handle.net/2268/231863>

**Pestieau, P., & Klimaviciute, J.** Long-term care social insurance: How to avoid big losses? International Tax and Public Finance, 25, 99-139. @HEC Liège AJG <http://hdl.handle.net/2268/231862>

**Pestieau, P., & Cremer, H.** Means-Tested Long-Term Care and Family Transfers. German Economic Review, 19, 351-364. @HEC Liège AJG <http://hdl.handle.net/2268/231864>

**Pestieau, P., Nishimura, Y., & Ponthiere, G.** Education choices, longevity and optimal policy in a Ben-Porathe economy. Mathematical Social Sciences, 94, 65-81. @HEC Liège AJG <http://hdl.handle.net/2268/231865>

**Sorgho, Z., & Larue, B.** Do Geographical Indications Really Increase Trade? A Conceptual Framework and Empirics. Journal of Agricultural and Food Industrial Organization, 16(1), 1-18. @HEC Liège AJG <http://hdl.handle.net/2268/220670>

**Sorgho, Z., & Tamini, L.** Trade in Environmental Goods: Evidences from an Analysis Using Elasticities of Trade Costs. Environmental and Resource Economics, 70(1), 53-75. @HEC Liège AJG <http://hdl.handle.net/2268/220671>

**Thiry, B., & Marini, M.** An Enduring Platform for Public and Cooperative Economics Research. Annals of Public and Cooperative Economics, 89(1), 5-10. @HEC Liège AJG <http://hdl.handle.net/2268/230140>

**Thiry, B., & Marini, M.** (Eds.). An Enduring Platform for Public and Cooperative Economics Research. Annals of Public and Cooperative Economics, 89(1). @HEC Liège AJG <http://hdl.handle.net/2268/230138>

\* @HEC Liège AJG: Journals listed in the HEC Academic Journal Guide (from A+ to D)



**Van Neuss, L.** Globalization and Deindustrialization in Advanced Countries. *Structural Change and Economic Dynamics*, 45, 49-63. @HEC Liège AJG <http://hdl.handle.net/2268/220556>

**Walheer, B.** Aggregation of metafrontier technology gap ratios the case of European sectors in 1995–2015. *European Journal of Operational Research*, 269, 1013-1026. @HEC Liège AJG <http://hdl.handle.net/2268/228806>

**Walheer, B.** Cost Malmquist productivity index: an output-specific approach for group comparison. *Journal of Productivity Analysis*, 49(1), 79-94. @HEC Liège AJG <http://hdl.handle.net/2268/228811>

**Walheer, B.** Decomposing the Europe 2020 Index. *Social Indicators Research*, 140(3), 875–905. <http://hdl.handle.net/2268/228818>

**Walheer, B.** Disaggregation of the cost Malmquist productivity index with joint and output-specific inputs. *Omega: the International Journal of Management Science*, 75, 1-12. @HEC Liège AJG <http://hdl.handle.net/2268/228813>

**Walheer, B.** Economic growth and greenhouse gases in Europe: A non-radial multi-sector nonparametric production-frontier analysis. *Energy Economics*, 74, 51-62. @HEC Liège AJG <http://hdl.handle.net/2268/228809>

**Walheer, B.** Labour productivity growth and energy in Europe: a production-frontier approach. *Energy*, 152, 129-143.

**Walheer, B.** Scale efficiency for multi-output cost minimizing producers: The case of the US electricity plants. *Energy Economics*, 70, 26-36. @HEC Liège AJG <http://hdl.handle.net/2268/228808>

**Walheer, B., & Zhang, L.** Profit Luenberger and Malmquist-Luenberger indexes for multi-activity decision-making units: The case of the star-rated hotel industry in China. *Tourism Management*, 69, 1-11. @HEC Liège AJG <http://hdl.handle.net/2268/228820>

## PAPERS IN OTHER PROFESSIONAL ORIENTED JOURNALS

**Denomerenge, J., & Starck, V.** Evaluation du critère Externalités du Fonds des communes. *Revue de Fiscalité Régionale et Locale*, 2, 110-118. <http://hdl.handle.net/2268/227394>

## WORKING PAPERS

**Artige, L., & Reginster, A.** On the Stylized Fact of the Firm Size Distribution. Eprint/Working paper retrieved from [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3219439](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3219439).

**Bulkaert, J.** Do the rules shape the game ? SEP license negotiations in a changing European regulatory environment Eprint/Working paper retrieved from <http://orbi.ulg.ac.be/handle/2268/226847>.

**Delloye, J., Peeters, D., & Tharakan, J.** Equilibrium selection and stability in dynamic core-periphery models with heterogeneous preferences. Eprint/Working paper retrieved from [https://alfresco.uclouvain.be/alfresco/service/guest/streamDownload/workspace/SpacesStore/3623942a-bf74-4b8c-b8e4-dd77344f47e8/coredp2018\\_02web.pdf?guest=true](https://alfresco.uclouvain.be/alfresco/service/guest/streamDownload/workspace/SpacesStore/3623942a-bf74-4b8c-b8e4-dd77344f47e8/coredp2018_02web.pdf?guest=true).

**Fraikin, A.-L., Jousten, A., & Lefebvre, M.** Social Security Incentives in Belgium: An Analysis of Four Decades of Change. Eprint/Working paper retrieved from <http://ftp.iza.org/dp11775.pdf>.

**Gautier, A., & Jacqmin, J.** PV adoption in Wallonia: The role of distribution tariffs under net metering. Eprint/Working paper retrieved from <http://orbi.ulg.ac.be/handle/2268/225412>.

**Gautier, A., & Petit, N.** Smallest Salable Patent Practicing Unit and Component Licensing: Why \$1 is not \$1. Eprint/Working paper retrieved from <http://orbi.ulg.ac.be/handle/2268/230296>.

**Gautier, A., & Somogyi, R.** Prioritization vs zero-rating: Discrimination on the internet. Eprint/Working paper retrieved from <http://orbi.ulg.ac.be/handle/2268/226763>.

**Manuel de Villena Millan, M., Ernst, D., Gautier, A., & Fonteneau, R.** A Multi-agent Simulator to Assess the Impact of Regulatory Frameworks on the Interaction between Consumers and Distribution System Operator. Eprint/Working paper retrieved from <http://orbi.ulg.ac.be/handle/2268/229747>.

# Seminars & Conferences

**Artige, L.** (May 16). Public Education Expenditures, Growth and Income Inequality. Paper presented at CEPR Growth and Inequality: Long-Term Effects of Short-Term Policies, Tel Aviv, Israel. <http://hdl.handle.net/2268/223550>

**Bulkaert, J.** (July 05). Do the rules shape the game? SEP license negotiations in the ICT industry. Paper presented at 16th annual conference of the German Law and Economics Association, Ljubljana, Slovénie. <http://hdl.handle.net/2268/226846>

**Bulkaert, J.** (May 22). Do the rules shape the game? SEP license negotiations under the changing European regulation. Paper presented at 17th session of the Institutional and Organizational Economics Academy. <http://hdl.handle.net/2268/226848>

**Bulkaert, J.** (May 05). Do the rules play the game? License negotiations in SEP intensive industries. Paper presented at 2nd doctoral workshop on the economics of digitization, Paris, France. <http://hdl.handle.net/2268/227343>

**Denomerenge, J., & Starck, V.** (December 17). An expenditure spillover model with endogenous place of consumption decision. Paper presented at 1st BURENet Scientific Workshop, Belgium. <http://hdl.handle.net/2268/230397>

**Gautier, A.** (April 16). Energy transition Integrating renewables into the grid. Paper presented at Energy Day, Louvain-la-Neuve, Belgium. <http://hdl.handle.net/2268/222740>

**Gautier, A.** Prioritization vs zero-rating: Discrimination on the internet. Paper presented at EARIE, Athens, Greece. <http://hdl.handle.net/2268/229886>

**Gautier, A.** Prioritization vs zero-rating: Discrimination on the internet. Paper presented at European economic association (EEA) meeting, Cologne, Germany. <http://hdl.handle.net/2268/229887>

**Gautier, A.** Prioritization vs zero-rating: Discrimination on the internet. Paper presented at CESifo Area Conference on the Economics of Digitization, Munich, Germany. <http://hdl.handle.net/2268/229888>

**Gautier, A.** PV adoption in Wallonia: The role of distribution tariffs under net metering. Paper presented at Journées de microéconomie appliquée, Bordeaux, France. <http://hdl.handle.net/2268/229889>

**Gautier, A.** Quels accès à quels actifs pour une libéralisation effective du secteur ferroviaire? Paper presented at 3ème conférence annuelle de l'Association Française d'Economie du Droit (AFED), Nancy, France. <http://hdl.handle.net/2268/229890>

**Gautier, A., Ittoo, A., & Petit, N.** (December 05). Algorithmic Price Discrimination & Tacit Collusion. Paper presented at Workshop on Law and Economics of Big Data and AI, Rome, Italy. <http://hdl.handle.net/2268/232163>

**Jacqmin, J.** (May 17). Providing MOOCs: A FUN way to enroll students? Paper presented at Université de Rouen. <http://hdl.handle.net/2268/223538>

**Jacqmin, J.** (March 27). Providing MOOCs: A FUN way to enroll students? Paper presented at Séminaire interne, Paris. <http://hdl.handle.net/2268/221674>

**Jacqmin, J.** (March 01). Providing MOOCs: A FUN way to enroll students? Paper presented at Séminaire du CRESE, Besançon, France. <http://hdl.handle.net/2268/221673>

**Jacqmin, J.** (Providing MOOCs: A FUN way to enroll students? Paper presented at Digital Economics Conference, Paris. <http://hdl.handle.net/2268/222619>

**Jacqmin, J.** (March 28). Providing MOOCs: A FUN way to enroll students? Paper presented at LEER Conference on Education Economics. <http://hdl.handle.net/2268/221676>

**Jacqmin, J.** (May 24). PV adoption in Wallonia: The role of distribution tariffs under net metering. Paper presented at 6th international conference symposium on environment energy and finance issues, Paris. <http://hdl.handle.net/2268/223806>

**Jacqmin, J.** (May 15). Providing MOOCs: A FUN way to enroll students? Paper presented at French Economic Association. <http://hdl.handle.net/2268/223537>

**Lamesch, J.** (October 31). Mergers in the Digital Economy. Paper presented at 8th Doctoral Meeting of Montpellier, Montpellier, France. <http://hdl.handle.net/2268/232362>

**Lamesch, J.** Mergers in the Digital Economy. Paper presented at 2nd Workshop on the Economics of Digitization, Paris, France. <http://hdl.handle.net/2268/232363>

**Lamesch, J.** Mergers in the Digital Economy. Paper presented at 4th Workshop on Industrial Organization in the Digital Economy, Liege, Belgium. <http://hdl.handle.net/2268/232364>

**Manuel de Villena Millan, M., Gautier, A., Fonteneau, R., & Ernst, D.** (A multi-agent system approach to model the interaction between distributed generation deployment and the grid. Proc. of CIRED Workshop 2018. <http://hdl.handle.net/2268/223038>

**Manuel de Villena Millan, M., Fonteneau, R., Gautier, A., & Ernst, D.** Exploring Regulation Policies in Distribution Networks through a Multi-Agent Simulator. Proc. of YRS2018. <http://hdl.handle.net/2268/223745>

**Salem, I., & Gautier, A.** (August 31). Local policies to reduce residential waste: Are they effective? Evidence from Wallonia. Paper presented at 5th FAERE Annual Conference, Aix-en-Provence, France. <http://hdl.handle.net/2268/229480>

**Salem, I., & Gautier, A.** Local policies to reduce residential waste: Are they effective? Evidence from Wallonia. Paper presented at 11th PhD Workshop in Economics, Torino, Italy. <http://hdl.handle.net/2268/230573>

**Schoenmaeckers, J.** (November 21). Inequalities in the face of death and dependence: lessons from the SHARE survey. Paper presented at Luxembourg SHARE Users Workshop 2018, Luxembourg. <http://hdl.handle.net/2268/231762>

**Schoenmaeckers, J.** (April 19). Pourquoi s'occupe-t-on de ses vieux parents? Par amour, intérêt ou obligation? Paper presented at Colloque ODES-SA-SHARE France: «Ageing-in-place: Living arrangements and housing choices», Paris, France. <http://hdl.handle.net/2268/231766>

**Schoenmaeckers, J.** (March 30). Inégalités face à la mort et à la dépendance: enseignements à partir de l'enquête SHARE. Paper presented at Atelier sur le vieillissement, Paris, France. <http://hdl.handle.net/2268/231769>

**Tharakan, J.** (June 07). What is behind the purchase decision of Long Term Care Insurance? A dynamic discrete choice approach. Paper presented at Public Economic Theory conference 2018. <http://hdl.handle.net/2268/224765>

**Walheer, B.** (July). Cost Malmquist productivity index: from output to group. Paper presented at Asia Pacific Productivity Conference, Seoul, Korea. <http://hdl.handle.net/2268/231000>

## Research Projects

### APPLIED/ INTEGRATION CONTRIBUTION

#### Enfance, Recherche et Fonction publique (AGERS)

**SHARE 5-6-7-8: SHARE-Belgique, vague 5-8**

Project Leader(s): **PERELMAN S.**

Role: Coordinator

SPP Politique scientifique (BELSPO)

**SHARE 6, 7, 8: SHARE-Belgique**

Project Leader(s): **ARTIGE L., PERELMAN S.**

Role: Coordinator

Partner(s): CANTILLON B. - University of Antwerp

**Energie - Projets hors AIE** (SPW-DGO4 - Aménagement du territoire, Logement, Patrimoine, énergie)

**TECR: Transition énergétique: comportement et régulation**

Project Leader(s): **GAUTIER A.**

Collaborator(s): **JACQMIN J.**

Role: Coordinator

Partner(s): ERNST D. - University of Liège (ULiège) - Montefiore Institute of Electrical Engineering and Computer Science

**SHARE Lux 8 : SHARE Vague 8, 2018-2019**

Project Leader(s): **ARTIGE L.**

Collaborator(s): **MULLER A., PERELMAN S.**

Role: Coordinator

Partner(s): PI ALPERIN M. - Luxembourg Institute of Socio-Economic Research LISER - LISER

**BRAIN-be** (SPP Politique scientifique (BELSPO))

**CRESUS: Measuring and mobilizing wealth for a cohesive, inclusive and fair society**

Project Leader(s): **PERELMAN S.**

Collaborator(s): **PERELMAN S.**

Role: Partner

Partner(s): DECOSTER A. - KU Leuven

**BRAIN-be** (SPP Politique scientifique (BELSPO))

**TAKE: Reducing poverty through improving take up of social policies**

Co Supervisor(s): **PERELMAN S.**

Role: Partner

Partner(s): GOEDEMÉ T. - University of Antwerp - CESP Herman Deleek

Development Bank - **Infrastructure efficiency frontier**

**for Latin America and the Caribbean: Benchmarking Economic Infrastructure Efficiency: How Does Latin America and the Caribbean Compare with Other Regions?**

Researcher(s): **PERELMAN S.**

Partner(s): SEREBRISKY T. - Inter-American Development Bank; SUAREZ ALEMAN A. - Inter-American

## THEORETICAL/METHODOLOGICAL CONTRIBUTION

### Actions de Recherche concertées (interne)

**CI:** *Competition and Innovation: theoretical and empirical background*

Collaborator(s): **ARTIGE L., PETIT N.**

Project Leader(s): **GAUTIER A.**

Role: Coordinator

### Doctorat Non-FRIA (interne)

**NFB14 REGINSTER Alexandre:** *Hétérogénéité des entreprises et croissance économique*

Project Leader(s): **ARTIGE L.**

Role: Coordinator

### Fonds spéciaux - crédits facultaires (interne)

**STATA:** *Développer au sein du domaine EA&P, l'analyse des politiques économiques en utilisant les outils économétriques et statistiques*

Project Leader(s): **GAUTIER A.**

Role: Coordinator

### BRAIN-be (SPP Politique scientifique (BELSPO))

**BEL-Ageing:** *Ageing, pension systems, fiscal sustainability and growth*

Project Leader(s): **ARTIGE L.**

Role: Coordinator

Partner(s): ALCIDI C. - CEPS Center for European Policy Studies

### Mandat - FRESH (FRS-FNRS)

**SCHEEWEL Hendrik:** *Fiscal effects of temporary migration*

Project Leader(s): **ARTIGE L.**

Role: Coordinator

Partner(s): DOCQUIER F. - Université Catholique de Louvain (UCLouvain)

### Mandat - FRESH (FRS-FNRS)

**BULKEART Justine:** Patent and standardization.

Project Leader(s): **Gautier A.**

Role: Coordinator

## Scientific Committee

### EDITORIAL BOARD OF INTERNATIONAL JOURNALS

#### PESTIEAU P.

Revue française d'Economie

#### THIRY B.

Annals of Public and cooperative economics

Role: Editor-in-Chief

### ORGANIZATION COMMITTEE OF CONFERENCES

#### THIRY B.

Comité scientifique de la 6ème conférence de recherche en économie sociale du CIRIEC (Manaus, Brésil, Novembre 2017)

Role:

#### THIRY B.

Comité scientifique du 22ème congrès de l'association coopérative turque (Nevsehir, Turquie, octobre 2017)

Role: Deputy chairman/ vice president

### SCIENTIFIC COMMITTEE OF INSTITUTIONS

#### GATHON H.

CIRIEC - Commission Public Enterprises/Public Services

Role: Member

#### GATHON H.

BELGORAIL Advisory Committee

Role: Member

### STEERING COMMITTEE OF SCIENTIFIC ASSOCIATIONS

#### THIRY B.

Fondation Edgard Milhaud

Role: Chairman/ president

### JURY

#### GATHON H.

Commissions de sélection aux fonctions de Top Management dans la fonction publique fédérale (SELOR-BOSA)

Role: Member

## PhDs

### DEFENDED PHDS

#### SCHOENMAECKERS J.

Essays on Long Term Care  
(Supervisor: THARAKAN J.)

### PHDS IN PROGRESS

#### BULKAERT J.

Patent and standardization.  
(Supervisor: GAUTIER A.)

#### COPEE M.

Collaborative economics.  
(Supervisor: GAUTIER A.)

#### DENOMERENGE J.

L'hétérogénéité des individus en terme de longévité et l'influence de celle-ci sur le caractère redistributif du système de pension.  
(Supervisor: JOUSTEN A.)

#### FRAIKIN A.-L.

Social Security Incentives and Retirement Transitions in Belgium.  
(Supervisor: JOUSTEN A.)

#### LAMESCH J.

Impact Assessment of Antitrust Policy: The efficiency and effectiveness of European merger control.  
(Co-Supervisors: GAUTIER A., MARNEFFE, W.)

#### NGUYEN THI PHUONG T.

Foreign direct investment in Vietnam.  
(Supervisor: THARAKAN J.)

#### REGINSTER A.

Firm Heterogeneity and Economic Growth.  
(Supervisor: ARTIGE L.)

#### SALEM I.

Organization and performance of local public services.  
(Supervisor: GAUTIER A.)

#### SCHEEWEL H.

On the Welfare Consequences of International Migration  
(Supervisor: Artige L.)

## PARTICIPATION IN EXTERNAL PHD JURYS

#### POLO FERNANDEZ C.

New alternatives for efficiency measurement: Assesment with simulated data and applications in the public sector, University of Namur (UNamur)  
(Jury member: PERELMAN S.)

## Research Seminars

Coordinator: Joseph Tharakan

**KATIE TURNBULL**, Texas A&M Transportation Institute (TTI), USA

Transformational Technologies and Innovative Services for Smart Mobility in Smart Cities (May., 25)

**FARNAZ NICKPOUR**, University of Liverpool, UK  
Beyond Physical Accessibility: Challenging inclusive design definitions & dimensions (May., 31)

**IANNIS KERKEMEZOS**, University of Rotterdam, Netherland

The Price of Anti-Competitive Behaviour: Evidence from the U.S. Airline Industry (Feb., 23)

**FABIAN GAESSLER**, Max Planck Institute, Luxembourg  
Patents, Data Exclusivity, and the Development of New Drugs (Mar., 09)

**DIMITRA KYRIAKOPOULOU**, UCL, CORE, Belgium  
Exponential-type GARCH models with linear-in-variance risk premium (Mar., 16)

**DECLAN DINEEN**, University of Limerick, Ireland, Irland  
Measuring and Determining Efficiency in Long-Term Care: Non-Parametric, Semi-Parametric and Parametric Approaches (Jun., 18)

**DIMITRI PAOLINI**, University of Sassari, Italy  
Platform design & Content Acquisition by Streaming Platforms (Oct., 26)

**LEONARDO MADIO**, CORE (UCLouvain), Belgium  
Data brokers co-opetition (Nov., 09)

**XAVIER LAMBIN**, Toulouse School of Economics, France  
Unintended consequences: The snowball effect of energy communities (Dec., 14)

**SAMUEL FEREY**, Université de Nancy, France  
La notion de « contribution causale » en droit de la responsabilité civile: une modélisation par les jeux coopératifs (Dec., 07)



## IN COLLABORATION WITH NBB (BRUSSELS NATIONAL BANK)

**E. FARHI**, Harvard University, USA  
Productivity and Misallocation in General Equilibrium  
(Mar., 14)

**K. HEAD**, University of British Columbia, UK  
From Torino to Tychy: The limits of offshoring in the car  
industry (May, 9)

**STEPHEN J. REDDING**, Princeton University, USA  
Accounting for Trade Patterns (Sept., 5)

**JOHN VAN REENEN** (MIT), USA  
The Fall of the Labor Share and the Rise of Superstar  
Firms (Oct., 15)

**MIKE ELSBY**, University of Edinburgh, UK  
Vacancy chains (Nov., 7)

## Other Scientific Activities

### REFEREE REPORTS

**LEJEUNE B.**  
*Labour Economics*

**WALHEER B.**  
*Agricultural Economics*

**WALHEER B.**  
*American Journal of Agricultural Economic*

**WALHEER B.**  
*Annals of Operations Research*

**WALHEER B.**  
*Bulletin of Economic Research*

**WALHEER B.**  
*Computers and Electronics in Agriculture*

**WALHEER B.**  
*Economic Inquiry*

**WALHEER B.**  
*Empirical Economics*

**WALHEER B.**  
*Energy*

**WALHEER B.**  
*European Journal of Operational Research*

**WALHEER B.**  
*International Journal of Production Economics*

**WALHEER B.**  
*Journal of Agricultural and Resource Economics*

**WALHEER B.**  
*Journal of Productivity Analysis*

**WALHEER B.**  
*Journal of the Operational Research Society*

**WALHEER B.**  
*Omega*

**WALHEER B.**  
*Utilities Policy*

### INTERNATIONAL NETWORKS

**FLAWINNE X.**  
SHARE-ERIC

**GATHON H.**  
Research Network on Public Enterprises and Public Ser-  
vices  
Role: Partner

**GAUTIER A.**  
INEF-Network(Thematic Network Innovation, Entrepre-  
neurship and Finance)  
Role: Coordinator

**GAUTIER A.**  
CESifo Research Network  
Role: Scientific expert

**LEFEBVRE M.**  
NBER International Socila Security Group  
Role: Partner

**PERELMAN S.**  
SHARE-ERIC  
Role: Partner

**PERELMAN S.**  
SHARE - Survey of Health, Ageing and Retirement  
Role: Partner

**PESTIEAU P.**  
International Institute of Public Finance  
Role: Scientific expert

**PESTIEAU P.**  
Journal of Public Economic Theory  
Role: Scientific expert

**PESTIEAU P.**  
CESifo Economic Studies  
Role: Scientific expert

**PESTIEAU P.**

Journal of Pension Economics and Finance

Role: Scientific expert

**THIRY B.**

CIRIEC

Role: Coordinator

**ORGANIZATION OF WORKSHOP**

*2nd doctoral workshop on the economics of digitalization*

Organizers: **GAUTIER A.**, (Telecom Paris Tech ), (CESifo group Munich), (Toulouse School of Economics, University of Toulouse), (Université Catholique de Louvain, UCLouvain)

*Fourth Workshop on “Industrial Organization in The Digital Economy”*

Organizers: **GAUTIER A.**, BELLEFLAMME P. (Université Catholique de Louvain (UCLouvain))

Speakers: MORAGA J.

**DIVERS SPEECHES**

**Artige, L.** Déploiement économique wallon: sommes-nous prêts ? Conférence Linklaters et HEC Liège, Seraing, Belgique.  
<http://hdl.handle.net/2268/225196>

**Gautier, A.** Une nouvelle tarification des réseaux pour la transition énergétique. Actualités du solaire photovoltaïque et du stockage énergétique en Wallonie et en Région de Bruxelles-Capitale, Namur, Belgique.  
<http://hdl.handle.net/2268/220508>

**Gautier, A.** Transition énergétique: Repenser le rôle des consommateurs et du réseau. Rencontres de Liège créative, Liège.  
<http://hdl.handle.net/2268/223093>

**Award****WALHEER B.**

Research Excellence

SEID Key Educator Program (China)







# Marketing & Service Innovation



Laurence Dessart  
[laurence.dessart@uliege.be](mailto:laurence.dessart@uliege.be)



The research domain in “marketing & service innovation” at HEC Liège is organized around two major research streams, considered as key research priorities by both scholars and practitioners.

Customer centricity and experience management. Elaborating customer-centric strategies is crucial for companies in order to develop and sustain a competitive advantage. To do so, we must understand how to manage customer experience, and how customer behavior is changing in an increasingly complex environment.

The research domain accordingly seeks to meet these challenges by examining, among others:

- How contact employees can best manage customer experience in critical encounters
- The effects of universal design on the experience of vulnerable customers in healthcare
- How the design of the built environment can foster customer intimacy
- How digital customer experience can be improved in the insurance sector

Digital service innovation management. More and more organizations embrace new technologies to develop new business models and remain competitive. In this context, the research domain examines consumer adoption (and rejection) of disruptive digital service innovations and aims to develop new strategies to help organizations increase the adoption rate of their innovations. Some of our research projects in this area focus on:

- The impact of virtual and augmented reality on consumer behavior
- How consumers engage on social media with brands and with each other
- How people adopt or reject sharing economy platforms and IoT

# Publications

## BOOKS

**Hazee, S.** Why customers do not participate in the access economy. Université de Liège, Liège, Belgique.

## PAPERS IN PEER REVIEWED JOURNALS\*

**Dessart, L.** Do ads that tell a story always perform better? The role of character identification and character type in storytelling ads. *International Journal of Research in Marketing*, 35(2), 289-304. @HEC Liège AJG <http://hdl.handle.net/2268/227826>

**Van Vaerenbergh, Y., Hazee, S., & Costers, A.** Customer Participation in Service Recovery: A Meta-Analysis. *Marketing Letters*, 29, 465-483. @HEC Liège AJG <http://hdl.handle.net/2268/227670>

## Seminars & Conferences

**Delcourt, C., Greer, D., & Gremler, D.** (March). Delivering Bad News: A Service Employee Perspective. Paper presented at Service Research Seminar, USA. <http://hdl.handle.net/2268/232497>

**Dessart, L., Aldas-Manzano, J., & Veloutsou, C.** Heterogeneous brand engagement in brand communities. Paper presented at 47th EMAC Annual Conference. <http://hdl.handle.net/2268/229412>

**Lara-Quintanilla, M.** (June 15). Does Dr. Google help? Patients' Online Health Information Search. Paper presented at 10th AMA SERV-SIG International Service Conference, Paris, France. <http://hdl.handle.net/2268/227076>

**Lara-Quintanilla, M.** (June 11). Does Dr. Google help? Patients' Online Health Information Search. Paper presented at 15th International Research Conference in Service Management, La Londe les Maures, France. <http://hdl.handle.net/2268/227074>

**Martens, C., Delcourt, C., & Herssens, J.** (May 30). The Impact of the Servicescape on Customer Intimacy in Healthcare Services. Paper presented at HEC Research Day, Liège, Belgium. <http://hdl.handle.net/2268/224318>

**Martens, C., Delcourt, C., & Herssens, J.** (April 27). Universal Design in Healthcare Servicescapes: Uncovering Multisensory Customer Experiences among Visually Impaired Patients to Enhance Service Convenience and Customer Intimacy. Paper presented at 5th Belgian Service Research Day, Namur, Belgium. <http://hdl.handle.net/2268/224317>

**Martens, C., Delcourt, C., & Herssens, J.** (March 23). Universal Design in Healthcare Servicescapes: Uncovering Multisensory Customer Experiences among Visually Impaired Patients to Enhance Service Convenience and Customer Intimacy. Paper presented at 4ème JOURNEE DE RECHERCHE EN MARKETING DU GRAND EST, Mons, Belgium. <http://hdl.handle.net/2268/221216>

**Martens, C., Delcourt, C., & Herssens, J.** (June 22). The Impact of the Servicescape on Customer Intimacy in Healthcare Services. Paper presented at Business & Society Seminar 2018, Mannheim, Germany. <http://hdl.handle.net/2268/224315>

**Pitardi, V., & Dessart, L.** The Effect of Narrative on Advertising Effectiveness: The Moderating Role of Concreteness Language. Paper presented at Academy of Marketing Science Conference. <http://hdl.handle.net/2268/229773>

**Pitardi, V., & Dessart, L.** Narrative Advertising and Language concreteness: the effect on willingness to advise. Paper presented at 47th EMAC Annual Conference, Glasgow, United Kingdom. <http://hdl.handle.net/2268/229396>

**Van Vaerenbergh, Y., Hazee, S., & Costers, A.** (June). Customer participation in service recovery: A meta-analysis. Paper presented at 15th International Research Conference in Service Management, La Londe les Maures, France. <http://hdl.handle.net/2268/222095>

**Zwienenberg, T., Hazee, S., Vandenberghe, A., Van Vaerenbergh, Y., & Faseur, T.** (June). Why Customers do not Participate in Collaborative Consumption? Paper presented at 15th International Research Conference in Service Management, La Londe les Maures, France. <http://hdl.handle.net/2268/223788>

\* @HEC Liège AJG: Journals listed in the HEC Academic Journal Guide (from A+ to D)



## Research Projects

### THEORETICAL/METHODOLOGICAL CONTRIBUTION

**Fonds spéciaux - crédits facultaires** (interne)  
Purchase of a transdisciplinary software  
Project Leader(s): **DEL COURT C.**  
Role: Coordinator

## Scientific Committees

### EDITORIAL BOARDS OF INTERNATIONAL JOURNALS

**DESSART L.**  
Journal of Product and Brand Management  
Role: Member of the reading committee

**HAZÉE S.**  
Journal of Service Theory and Practice  
Role: Member of the reading committee

## PhDs

### DEFENDED PHDS

**HAZÉE S.**  
Why customers do not participate in the access economy,  
HEC-Liège.  
(Supervisor: DEL COURT C.)

### PHDS IN PROGRESS

**LARA QUINTANILLA M.**  
Online Health Information Search: Patients; Drivers,  
Information Search Behavior and Outcomes  
(Co-Supervisor: VAN CAILLIE D.)

### MARTENS C.

Universal Design in Healthcare Servicescapes: Uncovering  
Multisensory Experiences among Visually Impaired  
Patients to Enhance Service Convenience and User Inti-  
macy  
(Supervisor: DEL COURT C.)

## Other Scientific Activities

### REFeree

**DESSART L.**  
*Journal of Product and Brand Management*

### INTERNATIONAL NETWORK

**DEL COURT C.**  
Fondation Service Lab  
Role: Scientific expert





# Social Enterprise & Business Ethics



Virginie Xhaufclair  
V.Xhaufclair@uliege.be



The field « Social enterprise and Business Ethics » pursues three major goals:

- to develop research in the areas of social enterprise and business ethics mainly from the perspectives of economics, management and organization theory

- to feed, through its work, teaching in the areas of social enterprise and business ethics at the University of Liège and elsewhere;

- to participate in building an ecosystem that fosters the development of social enterprises and ethically-driven businesses. Research projects cover a wide range of topics, both at the theoretical and empirical levels, using quantitative and/or qualitative methodologies:

- conceptual work defining the notions of and related to social enterprise and business ethics
- statistics measuring the scope of social and ethically-driven enterprises and key indicators (e.g. size, employment, growth, ethical dimensions, etc.)
- social and environmental impact measurement

- ethics in business, corporate social responsibility and partnerships between social enterprises, foundations and businesses
- entrepreneurial profiles and trajectories of social and ethical entrepreneurs
- emergence and development of social innovations in new fields of activity (e.g. ethical finance, fair trade, integration of low-skilled workers, etc.) and in the context of the sustainability transition (e.g. recycling, renewable energy, short food supply chains, etc.)
- financing of social enterprises, philanthropy and social investment
- governance and HRM practices in social enterprises and foundations
- institutionalization, networking and public policies
- social enterprise and business ethics in developing countries

Research centres and researchers involved:

- Centre for Social Economy (CES)
- International Research Centre on the Public and Co-operative Economy (CIRIEC)
- Associated researchers at HEC

The international recognition of the CES has emerged from collaborations with other international partners, notably in the context of the EMES International Research Network of which the CES is a founding member and has hosted the Coordination Unit since then. Other collaborations have been developed with universities (e.g. Oxford, Cambridge, etc.), management schools (e.g. ESSEC, HEC Paris, etc.) and international associations (e.g. ISTR, ERNOP) that develop research in the areas of social enterprise and business ethics.

# Publications

## CHAPTERS IN BOOKS

**Huybrechts, B., Creupelandt, D., & Vansintjan, D.** Networking Renewable Energy Cooperatives – the experience of the European Federation [REScoop.eu](http://REScoop.eu). In L., Holstenkamp & J., Radtke, Handbuch Energiewende und Partizipation (pp. 847-858). Springer.

## PAPERS IN PEER REVIEWED JOURNALS\*

**Aliaga Isla, R., & Huybrechts, B.** From “Push Out” to “Pull In Together»: An Analysis of Social Entrepreneurship Definitions in the Academic Field. *Journal of Cleaner Production*, 205(1), 645-660. @HEC Liège AJG <http://hdl.handle.net/2268/227863>

**Brolis, O., Courtois, M., Nyssens, M., & Herman, G.** Do social enterprises discriminate less than for-profit organizations? Influence of sector and diversity policies on managers’ prejudice towards Immigrants. *Nonprofit and Voluntary Sector Quarterly*, 47(4), 745-766. @HEC Liège AJG <http://hdl.handle.net/2268/232469>

**Huybrechts, B., & Haugh, H.** The Roles of Networks in Institutionalizing New Hybrid Organizational Forms: Insights from the European Renewable Energy Cooperative Network. *Organization Studies*, 39(8), 1085-1108. @HEC Liège AJG <http://hdl.handle.net/2268/213270>

**Pirard, J., Dufays, F., & Xhaufclair, V.** Face à l’incertitude: la cristallisation des réseaux par les comédiens entrepreneurs. *Revue de l’Entrepreneuriat*, 1/17, 79-106. @HEC Liège AJG <http://hdl.handle.net/2268/219307>

**Xhaufclair, V., Huybrechts, B., & Pichault, F.** How can new players establish themselves in highly institutionalized labour markets? A Belgian case study in the area of project-based work. *British Journal of Industrial Relations*, 56(2), 370-394. @HEC Liège AJG <http://hdl.handle.net/2268/214870>

## PROCEEDINGS

**Defourny, J.** Fundamentals for an International Typology of Social Enterprise Models: Theoretical and Empirical Foundations. *Voluntas*, 28(6), 2469-2497. @HEC Liège AJG <http://hdl.handle.net/2268/232234>

# Seminars & Conferences

**Defourny, J., & Nyssens, M.** La diversité des modèles d’entreprise sociale: nouvelles dynamiques au coeur et aux confins de l’économie sociale. In B., van Pottelsberghe, *Lesenjeux de l’innovation: quelles politiques? quelles gouvernances?* Charleroi, Belgium: Université Ouverte. <http://hdl.handle.net/2268/232232>

**Defourny, J.** (April 30). Social Entrepreneurship in Eastern Europe: Models and Practice. Paper presented at Social Entrepreneurship in Russia, St Petersburg, Russia. <http://hdl.handle.net/2268/232235>

**Brolis, O.** (March 27). La motivation au travail: Le cas des entreprises sociales. Paper presented at Les séminaires du LEST, Aix-en-Provence, France. <http://hdl.handle.net/2268/232471>

**Defourny, J.** From a project-based EU Thematic Network to a worldwide leading EMES International Research Network. Paper presented at EMES Network Strategic Retreat, Marseille, France. <http://hdl.handle.net/2268/232230>

**Dethier, F.** (November 17). Measuring NPOs’ Online Disclosure: Development of a Scale. Paper presented at ARNOVA’s 47th Annual Conference, Austin, Etats-Unis. <http://hdl.handle.net/2268/229711>

**Dethier, F., & Defourny, J.** (July 13). Measuring Voluntary Information Disclosure by Npos: Proposition of An E-Transparency Index. Paper presented at 13th International Conference of the International Society for Third-Sector Research, Amsterdam, Netherlands. <http://hdl.handle.net/2268/229710>

**Dessy, E., & Xhaufclair, V.** (July 11). Youth & Philanthropy: a (mismatched) relationship to be explored. Insights of exploratory phase. Paper presented at International Society for Third-Sector Research (ISTR), Amsterdam, Pays-Bas. <http://hdl.handle.net/2268/228772>

**Soetens, A., & Huybrechts, B.** (March 22). Resisting the tide: The roles of organizational ideology in sustaining distinctive self-management practices. Paper presented at 7th LAEMOS Colloquium, Buenos Aires, Argentine. <http://hdl.handle.net/2268/232345>

\* @HEC Liège AJG: Journals listed in the HEC Academic Journal Guide (from A+ to D)



REPORTS

**Brolis, O., Moreau, C., Pichault, F., Lisein, O., Stouffs, A., & Paul, S.** L'impact de la révolution numérique sur le secteur des services à la personne. ADN. <http://hdl.handle.net/2268/232474>

**Xhaufclair, V.** Quel positionnement pour les fondations philanthropiques en 2025? L'émergence de la fondation connexionniste. <http://hdl.handle.net/2268/232177>

Research Projects

APPLIED/ INTEGRATION CONTRIBUTION

**DG GROWTH - Internal Market, Industry, Entrepreneurship and SMEs**  
**COOPilot:** *Reduction of youth unemployment and the set-up of co-operative*  
 Project Leader(s): **MERTENS DE WILMARS S.**  
 Collaborator(s): **MERTENS DE WILMARS S.**  
 Role: Coordinator

**Interreg V A - France Wallonie Vlaanderen (Interreg)**  
**WISE:** *Valoriser l'Impact social de l'Entrepreneuriat Social*  
 Collaborator(s): **MERTENS DE WILMARS S.**  
 Project Leader(s): **MERTENS DE WILMARS S.**  
 Role: Coordinator  
 Researcher(s): **MOREAU C.**  
 Collaborator(s): **XHAUFLAIR V.**  
 Partner(s): 4werk; APES Acteurs pour une Economie Solidaire ; ALEAP - Association Libre des Entreprises d'Apprentissage Professionnel; Atout EI, fédération wallonne des entreprises d'insertion; CAIPS Concertation des Ateliers d'Insertion Professionnelle et Sociale; Caisse Solidaire; Chair'ESS; COORACE Nord Pas-de-Calais; CREDAL; CRESS Chambre Régionale de l'Economie Sociale et Solidaire du Nord Pas de Calais; Institut Godin; Mouves NPDC; Mutualité Française Nord-Pas de Calais; Réseau Financité; RESSOURCES asbl; Sociale InnovatieFabriek (SIF); KU Leuven; Unipso asbl; URIOPSS

THEORETICAL/METHODOLOGICAL CONTRIBUTION

**Mandat - ASP - Aspirant (FRS-FNRS)**  
**Mandat ASP Soetens Aurélie:** *Différents ensemble: Comment les réseaux de coopératives de travailleurs contribuent à maintenir la participation des travailleurs en tant que différenciation institutionnelle*  
 Project Leader(s): **HUYBRECHTS B.**  
 Role: Coordinator  
 Partner(s): **RADRIGAN M.** - University of Santiago de Chile - CIESCOOP

**Actions de Recherche concertées (interne)**  
**DISEIN-FOOD:** *Diffusing Social Economy Initiatives in the Sustainable Food Sector*  
 Collaborator(s): **FRÈRE B.**  
 Project Leader(s): **MERTENS DE WILMARS S.**  
 Role: Coordinator  
 Partner(s): **DEVILLET G.** - University of Liège (ULiège) - Sphères

**Doctorat Non-FRIA (interne)**  
**NFB16 DETHIER Fanny:** *The evolution of the financial models of Belgian non-profit organizations*  
 Project Leader(s): **DEFOURNY J.**  
 Role: Coordinator

**Doctorat Non-FRIA (interne)**  
**NFB17 DESSY Elodie:** *Youth and philanthropy: Are youth philanthropy practices reinventing the philanthropic field ?*  
 Project Leader(s): **XHAUFLAIR V.**  
 Role: Coordinator

**Agence du Numérique (AdN)**  
**DIGI-SERV:** *Impact de la révolution numérique sur le secteur des services aux personnes*  
 Collaborator(s): **LISEIN O., MERTENS DE WILMARS S.**  
 Researcher(s): **PAUL S., MOREAU C., STOUFFS A., BRO-LIS O.**  
 Project Leader(s): **PICHAULT F.**  
 Role: Coordinator  
 Partner(s): **NYSSSENS M.** - Université Catholique de Louvain (UCLouvain)

**Belspo and 3 major international foundations - International Comparative Social Enterprise Models (ICSEM) Project:** Launched in 2013 through a kick-off meeting in Liege, the ICSEM Project now gathers 220 researchers from 55 countries. The largest research project ever undertaken on social enterprise, ICSEM focuses on the identification of social enterprise models,  
 Project Leader(s): **DEFOURNY J.**  
 Researcher(s): **BROLIS O., XHAUFLAIR V., HUYBRECHTS B., MERTENS DE WILMARS S.**  
 Partner(s): 220 Research Partners belonging or affiliated to university research centres in all world regions; **NYSSSENS M.** - Université Catholique de Louvain (UCLouvain) - CIRTES

MISSIONS & EXPERT'S REPORTS

**Validation externe de la méthodologie de mesure d'impact du Social Impact Bond Duo for a Job**  
 Main financing source: Actiris  
 Academic/ Scientific Leader: **XHAUFLAIR V.**

## EDITORIAL BOARDS OF INTERNATIONAL JOURNALS

### DEFOURNY J.

Voluntary Sector Review

Role: Member of the reading committee

### DEFOURNY J.

Voluntas, Journal of Nonprofit and Voluntary Organizations

Role: Member of the reading committee

### DEFOURNY J.

Social Enterprise Journal

Role: Guest editor

### DEFOURNY J.

Revue Internationale de l'Economie Sociale - RECMA

Role: Member of the reading committee

### DEFOURNY J.

Journal of Social Entrepreneurship

Role: Member of the reading committee

### DESSY E.

Youth and philanthropy: Are youth philanthropy practices reinventing the philanthropic field?

(Supervisor: XHAUFLAIR V.)

### LANZI F.

Unraveling the role of alliances in the strengthening of short food supply chains.

(Supervisor: MERTENS DE WILMARS S.)

### SAVARESE C.

The influence of inter-organizational collaborations on hybrid organizations, ULB/HEC Liège.

(Supervisor : HUYBRECHTS B.)

### SOETENS A.

Alternative organizations: avenues for the development and maintenance of worker participation.

(Supervisor: HUYBRECHTS B.)

## PhDs

### PHDs IN PROGRESS

#### CARO CASTRO V. A.

Community-based natural resource management as a tool for local development, Universidad de Valencia/HEC Liège.

(Supervisor: HUYBRECHTS B.)

#### DAL FIOR C.

Entrepreneurial perceptions and access to resources in uncertain environments: the case of waste collection ventures in Ouagadougou, Burkina Faso

(Supervisor: HUYBRECHTS B.)

#### DETHIER F.

Measuring voluntary disclosure of information by NPOs: Proposition of a transparency index.

(Supervisor: DEFOURNY J.)

## Other Scientific Activities

### REFeree REPORTS

**XHAUFLAIR V.**

*Non Profit and Voluntary Sector Quarterly*

**XHAUFLAIR V.**

*management international*

### ACADEMIC SOCIETIES

**DEFOURNY J.**

International Society for Third Sector Research

Role: Partner

### INTERNATIONAL NETWORKS

**DEFOURNY J.**

The EMES International Research Network

Role: founder

**DEFOURNY J.**

The "ICSEM" Worldwide Project

**DETHIER F.**

EMES

Role: Member

**HUYBRECHTS B.**

EMES International Research Network on Social Enterprise

Role: Partner

**HUYBRECHTS B.**

EGOS (European Group for Organizational Studies)

Role: Partner

**MERTENS DE WILMARS S.**

EMES International Research Network on Social Enterprise

Role: Partner

**SOETENS A.**

EMES

Role: Scientific expert

**XHAUFLAIR V.**

EMES International Research Network on Social Enterprise

Role: Partner

**XHAUFLAIR V.**

ISTR

Role: Member

**XHAUFLAIR V.**

ERNOP

Role: Partner

### DIVERS SPEECHES

**Brolis, O.** L'impact de la transformation digitale sur le secteur des services à la personne. 2th Thematic Meeting of the Federation of European Social Employers and the European Public Service Union, Bruxelles, Belgique.

**Brolis, O.** Les technologies digitales dans les services à la personne: Quels enjeux et impacts potentiels pour l'emploi et les processus d'insertion socioprofessionnelle ? Séminaire de la fédération d'employeurs Atout EI, Namur, Belgique.

**Defourny, J.** On ne tombe pas amoureux d'une courbe de croissance: regards croisés avec Catherine Fallon. Les slogans de mai 1968, victimes de la crise de la cinquante?, Liège, Belgique.

**Defourny, J.** Quels modèles économiques pour rendre du sens au travail. Cérébrölésion et participation sociale, Namur, Belgium.

**Xhaufclair, V., & Dessy, E.** Ce que les jeunes apportent à la philanthropie.

**Xhaufclair, V.** New forms of Philanthropy: are we going too far? Family Business Network NextGen International Summit, Bruxelles, Belgique.

## Award

**DETHIER F.**

ISTR PhD Seminar 3 minute thesis competition

ISTR - International Society for Third-Sector Research (international)





# Supply Chain Management & Business Analytics



Yasemin Arda  
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Research activities in the fields of supply chain management (SCM) and business analytics (BA) are focused on analyzing data collected from a variety of sources and decision making informed by data analysis and supported by optimization techniques, with the aim of enabling enterprises and organizations to improve their service levels and operational efficiency, in particular in the context of supply chain and logistics management.

The main areas of expertise are therefore analytical methods of uncovering business insights and predicting future situations with use of data (statistical and data mining methods: nonparametric regression models, censored data analysis, discrete choice models, machine learning, natural language processing, pattern recognition,...), and also of recommending decisions (operations research methods: mathematical modelling, stochastic programming, combinatorial optimization, exact and heuristic solution approaches, discrete mathematics,...).

SCM is a major field of application of such analytical methods, and these areas are frequently associated in the so-called “industrial engineering” departments of many foreign universities.

At HEC Liège, they form an essential component of our “business engineering” curricula and are closely linked due to the scientific profiles of the people in place. The research activities in these fields focus on the following areas:

- Design and coordination of supply chains and intermodal transport networks
- Production, distribution, and transport planning
- Vehicle routing and loading
- Pricing and revenue management in transport
- Reduction of energy consumption and pollutant emissions
- Health care operations management
- Portfolio optimization and stock market forecasting

- Clustering and question-answering systems
- Methodological developments in the fields of expertise

Research activities in the fields of SCM and BA are mostly based in the research centre QuantOM (Quantitative methods and Operations Management). QuantOM is the association of several researchers under a common label to stimulate and promote research conducted at HEC Liège (or more broadly, within the ULiège) in the fields of quantitative methods and of their applications in SCM and other areas of management and economics.

# Publications

## BOOKS

**Tawfik, C. M. F.** Tactical Planning on Freight Transport Networks: Service Design and Pricing. Université de Liège, Belgique. <http://hdl.handle.net/2268/228477>

**Michelini, S.** A Comparative Study of Labeling Algorithms within the Branch-and-Price Framework for Vehicle Routing with Time Windows. Université de Liège, Belgique. <http://hdl.handle.net/2268/227844>

**Rodriguez Heck, E.** Linear and quadratic reformulations of nonlinear optimization problems in binary variables. Université de Liège, Liège, Belgique. <http://hdl.handle.net/2268/227242>

**François, V.** Neighborhood Search Algorithms for Multi-Trip Vehicle Routing. Université de Liège, Belgique. <http://hdl.handle.net/2268/226188>

**Aerts, S.** Robust Multivariate Dispersion Measures. Université de Liège, Belgique. <http://hdl.handle.net/2268/220391>

## CHAPTERS IN BOOKS

**Kolp, M., Wautelet, Y., & Heng, S.** Design Patterns for Social Intelligent Agent Architectures Implementation. Handbook of Research on Investigations in Artificial Life Research and Development (pp. 258--283). Hershey PA, USA: IGI Global.

**Limbourg, S.** Optimisation des transports: de la mer à la terre. In M., Lihoussou & B., Steck, Moderniser les ports ouest-africains. Enjeux et perspectives (pp. 221-252). Cormelles-le-Royal, France: Éditions Management et Société (EMS).

## PAPERS IN PEER REVIEWED JOURNALS\*

**Crama, Y., Grabisch, M., & Martello, S.** (Eds.). Seven Surveys in Operations Research. *Annals of Operations Research*, 271(1). @HEC Liège AJG <http://hdl.handle.net/2268/229076>

**Crama, Y., Grabisch, M., & Martello, S.** (March). Editorial: Sweet sixteen. *4OR: A Quarterly Journal of Operations Research*, 1-13. @HEC Liège AJG <http://hdl.handle.net/2268/220991>

**Crama, Y., Rezaei Sadrabadi, M., Savelsbergh, M., & Van Woensel, T.** Stochastic Inventory Routing for Perishable Products. *Transportation Science*, 52(3), 526-546. @HEC Liège AJG <http://hdl.handle.net/2268/213243>

**Faraz, A., Heuchenne, C., & Saniga, E.** An exact method for designing Shewhart and S2 control charts to guarantee in-control performance. *International Journal of Production Research*, 56, 2570-2584. @HEC Liège AJG <http://hdl.handle.net/2268/219559>

**Foster, E., Faraz, A., & Heuchenne, C.** Statistically Bundled Shewhart Control Charts for Monitoring Delivery Chains Systems. *European Journal of Industrial Engineering*. <http://hdl.handle.net/2268/168902>

**Jamoulle, M., Pizzanelli, M., Cardillo, E., Ittoo, A., Vander Stichele, R., Resnick, M., Grosjean, J., Darmoni, S., & Vanmeerbeek, M.** Indexing grey multilingual literature in General Practice: Family Medicine in the Era of Semantic Web. *Grey Journal*, Spring 2018(1). <http://hdl.handle.net/2268/229264>

**Lurkin, V., Garrow, L. A., Higgins, M. J., Newman, J. P., & Schyns, M.** Modeling competition among airline itineraries. *Transportation Research. Part A, Policy and Practice*, 113, 157-172. @HEC Liège AJG <http://hdl.handle.net/2268/227774>

**Moons, S., Ramaekers, K., Caris, A., & Arda, Y.** Integration of order picking and vehicle routing in a B2C e-commerce context. *Flexible Services and Manufacturing Journal*, 30, 813-843. @HEC Liège AJG <http://hdl.handle.net/2268/208917>

**Paquay, C., Limbourg, S., & Schyns, M.** A tailored two-phase constructive heuristic for the three-dimensional Multiple Bin Size Bin Packing Problem with transportation constraints. *European Journal of Operational Research*, 267(1), 52-64. @HEC Liège AJG <http://hdl.handle.net/2268/207751>

**Paquay, C., Limbourg, S., Schyns, M., & Oliveira, J. F.** MIP-based constructive heuristics for the three-dimensional Bin Packing Problem with transportation constraints. *International Journal of Production Research*, 56(4), 1581-1592. @HEC Liège AJG <http://hdl.handle.net/2268/213279>

**Smeulders, B.** Testing a Mixture Model of Single-Peaked Preferences. *Mathematical Social Sciences*, 93, 101-113. @HEC Liège AJG <http://hdl.handle.net/2268/220570>

**Smeulders, B., Davis-Stober, C., Regenwetter, M., & Spieksma, F. C. R.** Testing probabilistic models of choice using column generation. *Computers and Operations Research*, 95, 32-43. @HEC Liège AJG <http://hdl.handle.net/2268/222479>

**Tawfik, C. M. F., & Limbourg, S.** Pricing Problems in Intermodal Freight Transport: Research Overview and Prospects. *Sustainability*, 10(9), 3341. <http://hdl.handle.net/2268/227956>

\* @HEC Liège AJG: Journals listed in the HEC Academic Journal Guide (from A+ to D)

**Wautelet, Y., Kolp, M., Heng, S., & Poelmans, S.** Developing a multi-agent platform supporting patient hospital stays following a socio-technical approach: Management and governance benefits. *Telematics and Informatics*, 35(4), 854–882. <http://hdl.handle.net/2268/229111>

## OTHER PROFESSIONAL ORIENTED JOURNALS

**Khmeleva, E., Hoggood, A., Tipi, L., & Shahidan, M.** Fuzzy-Logic Controlled Genetic Algorithm for the Rail-Freight Crew-Scheduling Problem. *KI - Künstliche Intelligenz*, 32(1), 61–75. <http://hdl.handle.net/2268/215668>

## PROCEEDINGS

**Kiv, S., Heng, S., Kolp, M., & Wautelet, Y.** Agile Manifesto and Practices Selection for Tailoring Software Development: A Systematic Literature Review. In M., Kuhmann, K., Schneider, D., Pfahl, S., Amasaki, M., Ciolkowski, R., Hebig, P., Tell, J., Klünder, & S., Küpper, Product-Focused Software Process Improvement - 19th International Conference, PROFES 2018, Wolfsburg, Germany, November 28-30, 2018 Proceedings. Springer. <http://hdl.handle.net/2268/229598>

**Nguyen, V. H. A., Kolp, M., Wautelet, Y., & Heng, S.** Mapping IT Governance to Software Development Process: From COBIT 5 to GI-Tropos. The 20th International Conference on Enterprise Information Systems (SciTePress). <http://hdl.handle.net/2268/229113>

**Limbourg, S., & Pirotte, M.** How to include the durability, resale and losses of returnable transport items in their management? Proceedings. GOL'18 (Logistics Operations Management). <http://hdl.handle.net/2268/223968>

**Tawfik, C. M. F., & Limbourg, S.** Operational assessment of intermodality future in Belgium: Best - case scenario. Proceedings. <http://hdl.handle.net/2268/223967>

**Wautelet, Y., Velghe, M., Heng, S., Poelmans, S., & Kolp, M.** On Modelers Ability to Build a Visual Diagram from a User Story Set: A Goal-Oriented Approach. In E., Kamsties, J., Horkoff, & F., Dalpiaz, The 24th Working Conference on Requirements Engineering: Foundation for Software Quality (Springer, Cham). <http://hdl.handle.net/2268/229114>

**Jamoulle, M., Cardillo, E., Ittoo, A., Vander Stichele, R., Resnick, M., Grosjean, J., Darmoni, S., & Vanmeerbeek, M.** Indexing grey multilingual literature in General Practice: Family medicine in the era of semantic web. International Conference Series on Grey Literature, 2017-October, 61-84. <http://hdl.handle.net/2268/210490>

**Ittoo, A.** Big Data & Competition Law: Price Discrimination vs. Tacit Collusion. *Big Data & Competition Law: Do New Technologies Require New Approaches to Competition Law?* <http://hdl.handle.net/2268/232175>

## WORKING PAPERS

**Brauner, N., Crama, Y., Delaporte, E., Jost, V., & Librasso, L.** Do balanced words have a short period? Eprint/Working paper retrieved from <http://orbi.ulg.ac.be/handle/2268/230109>.

**Boros, E., Crama, Y., & Rodriguez Heck, E.** Compact quadratizations for pseudo-Boolean functions. Eprint/Working paper retrieved from <http://orbi.ulg.ac.be/handle/2268/229971>.

**De uña Alvarez, J., Heuchenne, C., & Laurent, G.** Estimation from cross-sectional data under a semiparametric truncation model. Eprint/Working paper retrieved from <http://orbi.ulg.ac.be/handle/2268/225590>.

**Heuchenne, C., & Laurent, G.** Nonparametric regression with cross-sectional data: an alternative to conditional product-limit estimators. Eprint/Working paper retrieved from <http://orbi.ulg.ac.be/handle/2268/225588>.

**Hoffait, A.-S., Ittoo, A., & Schyns, M.** Assessing and predicting review helpfulness: Critical review, open challenges and research agenda. Eprint/Working paper retrieved from <http://orbi.ulg.ac.be/handle/2268/227691>.

**Trieu, L. H., & Ittoo, A.** Generation of Parallel Corpus for Low Resource Language Translation. Eprint/Working paper retrieved from <http://orbi.ulg.ac.be/handle/2268/227534>.

## REPORTS

**Limbourg, S.** L'intégration des réseaux logistiques pour réduire l'empreinte carbone. Belgique: Plateforme Wallonne pour le GIEC. <http://hdl.handle.net/2268/22898>



**Aerts, S.** (July 03). Regularized discriminant analysis: a cellwise robust approach. Paper presented at International Conference on Robust Statistics 2018, Leuven, Belgium. <http://hdl.handle.net/2268/226747>

**Arda, Y., Cattaruzza, D., François, V., & Ogier, M.** (February). Home chemotherapy: Integrating the production and administration of drugs. Paper presented at ORBEL 32 - 32nd annual conference of the Belgian Operational Research Society, Liège, Belgium. <http://hdl.handle.net/2268/232213>

**Bazgour, T., Heuchenne, C., Hübner, G., & Sougné, D.** (May 23). How do Volatility Regimes Affect the Pricing of Quality and Liquidity in the Stock Market? Paper presented at 35th International Conference of the French Finance Association, Paris, France. <http://hdl.handle.net/2268/225235>

**Beretta, A., & Heuchenne, C.** (December 16). Variable selection in proportional hazards cure model with time-varying covariates, application to US bank failures. Paper presented at 11th International Conference of the ERCIM WG on Computational and Methodological Statistics (CMStatistics), Italy. <http://hdl.handle.net/2268/230910>

**Boros, E., Crama, Y., & Rodriguez Heck, E.** (January 04). Quadraticizations of symmetric pseudo-Boolean functions: sub-linear bounds on the number of auxiliary variables. Paper presented at International Symposium on Artificial Intelligence and Mathematics (ISAIM 2018), Fort Lauderdale, US. <http://hdl.handle.net/2268/220766>

**Crama, Y.** (June 16). Reformulations of nonlinear binary optimization problems. Paper presented at ECCO XXX1 - 31th Conference of the European Chapter on Combinatorial Optimization, Fribourg, Suisse. <http://hdl.handle.net/2268/225415>

**Etienne, A.-M., Ruffault, A., Stassart, C., Quertemont, E., Grogna, D., Schyns, M., & Bouchard, S.** (June). L'utilisation des nouvelles technologies dans l'étude des comportements de santé. Paper presented at V congrès de Psychologie de la Santé de Langue Française (AFPSA), Metz, France. <http://hdl.handle.net/2268/227096>

**François, V., Arda, Y., & Crama, Y.** (July). Large neighborhood search approaches for multi-trip vehicle routing with time windows and driver shifts. Paper presented at EURO 2018 - 29th European Conference on Operational Research, Valencia, Spain. <http://hdl.handle.net/2268/232210>

**Gautier, A., Ittoo, A., & Petit, N.** (December 05). Algorithmic Price Discrimination & Tacit Collusion. Paper presented at Workshop on Law and Economics of Big Data and AI, Rome, Italy. <http://hdl.handle.net/2268/232163>

**Hoffait, A.-S., & Ittoo, A.** (July). Assessing and predicting review helpfulness. Paper presented at 29ème conférence européenne sur la recherche opérationnelle (EURO2018), Valence, Espagne. <http://hdl.handle.net/2268/226616>

**Limbourg, S.** (January 30). Un modèle intégré d'aide à la décision pour la logistique urbaine. Paper presented at Supply chain et excellence opérationnelle, Casablanca, Maroc. <http://hdl.handle.net/2268/221850>

**Michelini, S., Arda, Y., & Küçükaydın, H.** (February 01). A comparative study of branch-and-price algorithms for a vehicle routing problem with time windows and waiting time costs. Paper presented at ORBEL 32 - 32nd annual conference of the Belgian Operational Research Society, Liège, Belgium. <http://hdl.handle.net/2268/221279>

**Michelini, S., Arda, Y., & Küçükaydın, H.** (July 10). A comparative study of branch-and-price algorithms for vehicle routing with time windows and waiting time costs. Paper presented at EURO 2018 - 29th European Conference on Operational Research, Valencia, Spain. <http://hdl.handle.net/2268/232132>

**Paquay, C., Crama, Y., & Pironet, T.** Dial-a-ride with real-time disruptions. Paper presented at 29th European Conference on Operational Research, Valencia, Spain. <http://hdl.handle.net/2268/229444>

**Paquay, C., Crama, Y., & Pironet, T.** Dial-a-ride with real-time disruptions. Paper presented at OR 2018, Bruxelles, Belgique. <http://hdl.handle.net/2268/229456>

**Rodriguez Heck, E., & Crama, Y.** (February 01). Linear and quadratic reformulation techniques for nonlinear 0-1 optimization problems. Paper presented at 32nd annual conference of the Belgian Operational Research Society (ORBEL 32), Liege, Belgium. <http://hdl.handle.net/2268/220332>

**Ruffault, A., Cloes, M., Schyns, M., Bouchard, S., Fournier, J., Bossard, C., Valembos, Q., Czernichow, S., & Etienne, A.-M.** (August). Experimental investigation of decision-making processes in daily physically active behaviors using a virtual reality set-up. Poster session presented at 32nd annual conference of the European Health Psychology Society, Galway, Ireland. <http://hdl.handle.net/2268/228128>

**Etienne, A.-M., Bouchard, S., Billen, R., Dozo, B.-O., Schyns, M., & Haubruge, E.** (unité de recherche liège - québec sur le numérique en santé globale, en enseignement et en formation continue universitaire. paper presented at Projet De Coopération Wallonie-Bruxelles/Québec, Gatineau, Canada. <http://hdl.handle.net/2268/221768>

**Tran, P. H., Tran, K. P., Thu Huang, T., Heuchenne, C., Hientran, P., & Huong Le.** Real Time Data-Driven Approaches for Credit Card Fraud Detection. ICEBA 2018 Proceedings of the 2018 International Conference on E-Business and Applications. <http://hdl.handle.net/2268/225666>

**Tran, P. H., Tran, K. P., Thu Huang, T., Heuchenne, C., Nguyen, T. A. D., & Ngon, D.** A Variable Sampling Interval EWMA Distribution-Free Control Chart for Monitoring Services Quality. ICEBA 2018 Proceedings of the 2018 International Conference on E-Business and Applications (pp.1-5). <http://hdl.handle.net/2268/225665>

## Research Projects

### APPLIED/ INTEGRATION CONTRIBUTION

**Fonds spéciaux - Welcome Grant** (interne)  
*Système 'Question-Answering' Automatique pour la Déduction de Connaissance des Ontologies Linked-Data*  
Project Leader(s): **ITTOO A.**

**WALInnov** (SPW-DGO6 - Economie, Emploi, Formation, Recherche)  
**OPTIPROFIL:** *Optimisation et adaptation d'un outil d'étude de marche à des flux massifs et hétérogènes de données médias*  
Project Leader(s): **HEUCHENNE C.**  
Collaborator(s): **HEUCHENNE C.**

**PIT - Logistics in Wallonia** (SPW-DGO6 - Economie, Emploi, Formation, Recherche)  
**PRESupply:** *Predictive Supply Chain*  
Collaborator(s): **CRAMA Y.**  
Project Leader(s): **CRAMA Y.**  
Partner(s): CHEVALIER P. - Université Catholique de Louvain (UCLouvain); SCHAUS P. - Université Catholique de Louvain (UCLouvain)

**Interreg V A - Grande Région** (Interreg)  
**XPORECYMET:** *Aide à l'eXPortation d'entreprises travaillant dans le domaine du RECYclage des METaux*  
Project Leader(s): **LIMBOURG S.**  
Collaborator(s): **LEONARD A., LIMBOURG S.**  
Role: Coordinator  
Partner(s): GAYDARDZHIEV S. - University of Liège (ULiège) - Urban and Environmental Engineering

**Commission mixte** (WBI -Wallonie-Bruxelles International)  
*Unité de recherche Liège - Québec sur le numérique en santé globale, en enseignement et en formation continue universitaire*  
Collaborator(s): **SCHYNS M.**  
Role: Coordinator

**Doctorat S. Klenkenberg** (University of Liège (ULiège)): Develop and investigate on appropriate statistical methods for learning analytics. Build workpackages to inform institutional authorities about factors influencing drop-out or success at university.  
Co Supervisor(s): **AERTS S.**  
Researcher(s): **AERTS S.**  
Partner(s): HAESBROECK G. - University of Liège (ULiège) - Department of Mathematics; KLENKENBERG S. - University of Liège (ULiège) - Department of Mathematics

ASL airlines Belgium - **Prediction of technical flight delays:** Use machine learning tools to build a prediction model and identify the key factors behind technical flight delays among flights operated by ASLB.  
Researcher(s): **AERTS S.**

### THEORETICAL/METHODOLOGICAL CONTRIBUTION

**BRAIN-be** (SPP Politique scientifique (BELSPO))  
**BRAIN-TRAINS:** *BRAIN- TRansversal Assessment of Intermodal New Strategies*  
Project Leader(s): **LIMBOURG S.** Collaborator(s): **LEONARD A., LIMBOURG S.**

**Projet de recherche - PDR** (FRS-FNRS)  
**Multi-State Models:** *Semiparametric Inference for Multi-State Models*  
Project Leader(s): **HEUCHENNE C.**

**Fonds spéciaux - crédits sectoriels** (Banque Nationale de Belgique - BNB)  
**VRPTW:** *How to implement efficient methods for Vehicle Routing Problems with Time Windows*  
Project Leader(s): **SCHYNS M.**

**Mandat - CR - Chargé de recherches** (FRS-FNRS)  
**Mandat CR Faraz Alireza:** *La conception économique de cartes de contrôle statistique pour des données censurées non normales.*  
Project Leader(s): **HEUCHENNE C.**

**Mandat - CR - Chargé de recherches** (FRS-FNRS)  
**Mandat CR Smeulders Bart:** *Tests des préférences révélées pour des modèles choix stochastique.*  
Supervisor(s): **CRAMA Y.**  
Researcher(s): **SMEULDERS B.**

**Fonds spéciaux - crédits facultaires** (interne)  
*Mieux comprendre les préférences des investisseurs au travers des indicateurs socio-linguistiques*  
 Project Leader(s): **LAMBERT M.**  
 Collaborator(s): **GILLAIN C., ITTOO A., MORENO N.**

**Japan Advanced Institute of Science and Technology (JAIST) - MT: Neural Machine Translation**  
 Project Leader(s): **ITTOO A.**  
 Partner(s): LE MINH N. - Japan Advanced Institute of Science and Technology (JAIST) - School of Info. Science

**Wallinov:** Optimisation et adaptation d'un outil d'étude de marché à des flux massifs et hétérogènes de données médias.  
 Région Wallonne - DG06  
 Researcher(s): **FARAZ A.**  
 Project Leader(s): **HEUCHENNE C.**  
 Région Wallonne - DG06  
 Partner(s): LAMBOTTE F. - Université Catholique de Louvain (UCLouvain) - Institut Langage et Communication

## MISSIONS & EXPERT'S REPORTS

**Member of the Peer Review College, tasked with reviewing funding bids for the EPSRC.**  
 Main financing source: EPSRC Engineering and Physical Sciences Research Council  
 Academic/ Scientific Leader: **HOPGOOD A.**

**LeadingFellows Program: Evaluating candidates for Post-Doc positions**  
 Main financing source: LeadingFellows (<http://leadingfellows.eu/>)  
 Academic/ Scientific Leader: **ITTOO A.**

**Innoviris: Evaluating university-industry collaboration projects, Bruxelles Region**  
 Main financing source: Innoviris  
 Academic/ Scientific Leader: **ITTOO A.**

**External member of a faculty recruitment committee at KU Leuven**  
 Main financing source: KU Leuven  
 Collaborator: **CRAMA Y.**

**Special Issue In sustainability**  
 Main financing source: MDPI  
 Academic / Scientific Leader: **LIMBOURG S.**

## Scientific Committees

### EDITORIAL BOARD OF INTERNATIONAL JOURNALS

**CRAMA Y.**  
 Discrete Applied Mathematics  
 Role: Associate editor

**CRAMA Y.**  
 4OR – A Quarterly Journal of Operations Research Societies  
 Role: Editor-in-Chief

**CRAMA Y.**  
 Discrete Optimization  
 Role: Associate editor

**CRAMA Y.**  
 Journal of Scheduling  
 Role: Associate editor

**ITTOO A.**  
 Data and Knowledge Engineering, Elsevier  
 Role: Chief Guest Editor

**ITTOO A.**  
 Machine Learning/NLP, Elsevier, Computers in Industry  
 Role: Associate editor

### ORGANIZATION COMMITTEES OF CONFERENCES

**ITTOO A.**  
 Chair, 22nd Intl. Conference on NLP and Info. Systems  
 Role: Chairman/ president

**ITTOO A.**  
 KSE 2017 Conference  
 Role: Member

**ITTOO A.**  
 Scientific Committee, 22nd Intl. Conference on NLP and Infor. systems  
 Role: Member



## SCIENTIFIC COMMITTEES OF INSTITUTIONS

### CRAMA Y.

Comité de pilotage du Laboratoire International Associé Recherche Opérationnelle et Informatique en Transport, Mobilité et Logistique, Université de Valenciennes (France) et CIRRELT (Canada)

Role: Member

### HEUCHENNE C.

Conseil Wallon pour l'Evaluation, la Prospective et la Statistique.

Role: Chairman/ president

## STEERING COMMITTEES OF SCIENTIFIC ASSOCIATIONS

### ARDA Y.

Conseil d'administration, ORBEL - The Belgian Operational Research Society

Role: Member

### CRAMA Y.

Conseil d'administration, ORBEL - Belgian Operations Research Society

Role: Member

### HOPGOOD A.

BCS (British Computer Society) SGAI (Specialist Group for Artificial Intelligence)

Role: Member

### ITTOO A.

Knowledge and Systems Engineering (KSE)

Role: Member

### ITTOO A.

NICS (Information & Computer Science)

Role: Member

## JURYS

### ARDA Y.

Evaluation jury of a research project submitted to "Les Fonds de recherche du Québec"

Role: Member

## PhDs

### DEFENDED PHDS

#### AERTS S.

Robust Multivariate Dispersion Measures. HEC/Facultés des Sciences Appliquées.

(Co-Supervisor: SCHYNS M.)

#### FRANÇOIS V.

Neighborhood Search Algorithms for Multi-Trip Vehicle Routing.

(Co-Supervisors: ARDA Y., CRAMA Y.)

#### RODRIGUEZ HECK E.

Linear and quadratic reformulations of nonlinear optimization problems in binary variables.

(Supervisor: CRAMA Y.)

#### MICHELINI S.

A Comparative Study of Labeling Algorithms within the Branch-and-Price Framework for Vehicle Routing with Time Windows

(Supervisor: ARDA Y.)

#### TAWFIK C.

Tactical Planning on Freight Transport Networks: Service Design and Pricing

(Supervisor: LIMBOURG S.)

### PHDS IN PROGRESS

#### BARATTO M.

Optimization models for kidney exchange programs

(Supervisor: CRAMA Y.)

#### BERETTA A.

Cox Proportional Hazard Cure Models With Time-Varying Covariates: Application To Causes Of Bank Failures and Acquisitions.

(Supervisor: HEUCHENNE C.)

#### ÇÖREKCIOGLU B.

Machine Learning in Computational Optimization

(Supervisor: ARDA Y.)

#### CLAVIJO LOPEZ C. J.

Multi-period network design problem optimization.

(Co-Supervisors: CRAMA Y., PIRONET T.)

#### GILLAIN C.

Data analytics and Financial Market Anomalies.

(Co-supervisors: LAMBERT M., ITTOO A.)

**HOFFAIT A.-S.**

Business Intelligence for Strategic Academic Decisions.  
(Supervisor: SCHYNS M., ITTOO A.)

**JAMAR J.**

Applying AI Techniques for Automated Model Generation  
(Supervisor: ITTOO A., HENG S.)

**LEMAIRE A.**

Packaging and food waste management.  
(Supervisor: LIMBOURG S.)

**PETERS F.**

L'apport des technologies immersives dans les processus de gestion  
(Supervisor: SCHYNS M.)

**PHUONG HANH T.**

Advanced Statistical Process Monitoring and Machine Learning in Business, Finance and Industry  
(Supervisor: HEUCHENNE C.)

**PARTICIPATION IN EXTERNAL PHD JURYS****MOONS S.**

Integrating order picking and vehicle routing decisions, University of Hasselt (UHasselt)  
(Jury member: **ARDA Y.**)

**CORSTJENS J.**

A methodological framework for evaluating metaheuristics: An application to vehicle routing, University of Hasselt (UHasselt)  
(Jury member: **CRAMA Y.**)

**OGHANI S.**

Clinical laboratory optimization, University of Lille II  
(Jury member: **CRAMA Y.**)

**EFTEKHAR H.**

Investigating Inequalities in Mobility & Road Safety in Belgium, University of Liège (ULiège) - FSA  
(Jury member: **LIMBOURG S.**)

**Research Seminars**

Coordinators: Elisabeth Rodriguez-Heck

**GILBERT LAPORTE**, HEC Montréal, Canada

Improving the humanitarian aid network design in East Africa (Mar., 23)

**LOUIS WEHENKEL**, Montefiore Institute, ULiège, Belgium

Probabilistic Reliability Management of the European Electric Power System (Apr., 20)

**SOUROUR ELLOUMI AND ARNAUD LAZARE**, UMA-CED-RIC, ENSTA, Palaiseau, France, France

Unconstrained 0-1 polynomial optimization through convex quadratic reformulation (Apr., 23)

**SAMEDI HENG**, HEC Liège, Belgium

Using Goal-Oriented Modeling to Analyze Requirements in Agile Methods (Nov., 08)

**MORTEZA DAVARI**, KU Leuven, Belgium

Minimizing makespan on a single-machine with release dates and inventory constraints (Nov., 13)

**SCHYNS MICHAËL & VALEMBOS QUENTIN**, HEC-Liège, Belgium

Et si (presque) tout était possible - la réalité virtuelle au service des entreprises (Dec., 10)

## Other Scientific Activities

### REFeree REPORTS

**AERTS S.**

*IEE Signal Processing Letters*

**AERTS S.**

*International Journal of Biostatistics*

**AERTS S.**

*Journal of Multivariate Analysis*

**ARDA Y.**

*European Journal of Operational Research*

**ARDA Y.**

*Journal of Scheduling*

**ARDA Y.**

*Journal of the Operational Research Society*

### ACADEMIC SOCIETIES

**AERTS S.**

Belgian Statistical Society  
Role: Partner

**ARDA Y.**

ORBEL - The Belgian Operational Research Society  
Role: Member

**CRAMA Y.**

ORBEL  
Role: Partner

**HEUCHENNE C.**

Société Belge de Statistique (SBS/BVS)

**PAQUAY C.**

ORBEL  
Role: Partner

**PIRONET T.**

ORBEL  
Role: Member

**CRAMA Y.**

INFORMS - The Institute for Operations Research and the Management Sciences  
Role: Member

**HEUCHENNE C.**

Institute of Mathematical Statistics

**PIRONET T.**

ROADEF

### INTERNATIONAL NETWORKS

**ITTOO A.**

NLDB  
Role: Member

**ITTOO A.**

Experfy Harvard Innovation Labs  
Role: Scientific expert

**LIMBOURG S.**

NECTAR

**LIMBOURG S.**

Bivec  
Role: Partner

**PAQUAY C.**

EURO Special Interest Group on Cutting and Packing  
Role: Coordinator

**PAQUAY C.**

BIVEC-GIBET  
Role: Partner

**PIRONET T.**

VEROLOG  
Role: Partner

**PIRONET T.**

GT2L

**SMEULDERS B.**

European Network for Collaboration on Kidney Exchange Programmes  
Role: Member

### ORGANIZATION OF WORKSHOPS/ CONFERENCES

*Data Science Liège*

Organizers: **ITTOO A.**, **NEYSEN N.**, Prayon  
Speakers: Prayon



ORBEL 2018

Organizers: **AERTS S., ARDA Y., CRAMA Y., FRANÇOIS V., HOFFAIT A., MICHELINI S., PAQUAY C., RODRIGUEZ HECK E., SCHYNS M., SMEULDERS B., PIRONET T.**  
Speakers: **MICHELINI S., PAQUAY C., RODRIGUEZ HECK E., BIERLAIRE M.** (EPFL Ecole Polytechnique Fédérale de Lausanne), **FEILLET D.** (Ecole des Mines de Saint Etienne), **SAVELSBERGH M.** (GeorgiaTech)

## DIVERS SPEECHES

**Crama, Y.** Optimiser la logistique: Slogan ou réalité? Optimiser le transport et la distribution en 2018: slogan ou réalité?, Verviers.

**Etienne, A.-M., Bouchard, S., Billen, R., Dozo, B.-O., Schyns, M., & Haubruge, E.** Unité de recherche Liège-Québec sur le numérique en santé globale, en enseignement et en formation continue universitaire. Projet de coopération Wallonie-Bruxelles/Québec, Gatineau, Canada.

## Awards

### CRAMA Y.

Keynote invited lecturer - European Conference on Combinatorial Optimization  
European Chapter on Combinatorial Optimization (international)

# Sustainable Performance: Tax, Audit & Accounting



Nathalie Crutzen  
[ncrutzen@uliege.be](mailto:ncrutzen@uliege.be)



Sustainable performance is needed in a world subject to new and multiple challenges, resulting from climate changes, technological innovation, increase in social inequalities, new ways of competitiveness, needs for renewed governance and transparency.

The « Sustainable Performance – Tax, Audit & Accounting » is a strategic research field of the Research Unit HEC Research. It aims at promoting and stimulating transdisciplinary research on how governments, enterprises and other stakeholders should integrate sustainability in their management of taxes, audits and accounting.

The Research sub-unit thus gathers the Tax Institute, the Center for Research on Corporate Performance / Centre d'Etat de la Performance des Entreprises, the Entrepreneurship Department, the Accounting Department and the Smart City Institute.

The research team is leading currently research projects dealing with the following research themes and questions:

- **Sustainability strategy and management:** why and how should/do organizations integrate sustainability issues and their social, environmental, managerial and economic aspects in their strategy and in their management practices ?
- **Sustainability control and performance management:** why and how should/do organizations integrate sustainability issues (social, environmental and economic aspects) in their control, monitoring and governance systems ?
- **Sustainability taxation:** why and how should/do organizations integrate sustainable tax issues (transfer pricing, environmental taxation, transparency and sustainable reporting, taxation of robots) in their taxation strategies ?

Different research objects are considered by the researchers :

- Private organizations (from big firms to small companies, with a focus on industrial high-reliability organizations)
- Public organizations (regional and governmental structures, health care organizations, associations)
- Territorial ecosystems (districts, cities, regions, countries)

### BOOKS

**Peeters, B., Bourgeois, M., Peeters, B., Herve, L., Miny, X.** (Other coll.), & Muniken, M. (Other coll.). (Recueil de législation Droit fiscal - Tome I & II. Herentals, Belgique: KnopsPublishing. <http://hdl.handle.net/2268/229259>

### CHAPTERS IN BOOKS

**Crutzen, N., & Zwetkoff, C.** Chapitre 8: Ville Intelligente - De la Smart City à la démarche Living Lab. In R., Brahy, E., Dumont, P., Fontaine, & C., Ruelle, Regards sur la ville - Echanges et réflexions à partir de Liège (pp. 175-195). Presses Universitaires de Liege.

**Docclo, C.** La prise d'effet de la loi en matière d'impôts sur les revenus - «Rien ne sert de courir, il faut partir à point». In B., Peeters (Ed.), Liber Amicorum Rik Deblauwe. Herentals, Belgique: KnopsPublishing. Docclo, C. (Lire une convention fiscale après le «BEPS»). In D. Garabedian (Ed.), La fiscalité et la comptabilité racontées aux juristes (pp. 53-81). Bruxelles, Belgique: Larcier.

**Docclo, C.** The Tax Disputes And Litigation Review - Belgium. In S., Whitehead (Ed.), The Tax Disputes And Litigation Review. London, United Kingdom: The Law Reviews.

**Richelle, I.** Transparent Entities: The Case of the French SCI under the Belgium-French Tax Treaty. In Lang et al. (Ed.), Tax Treaty Case-Law around the globe 2017 (pp. 69-80). Amsterdam, Pays-Bas: IBFD.

**Richelle, I.** Belgium: Transparent Entities: The Case of the French SCI under the Belgium-French Tax Treaty. In M., Lang, A., Rust, J., Owens, P., Pistone, J., Schuch, C., Staringer, A., Storck, P., Essers, E. C. C. M., Kemmeren, & D., Smit (Eds.), Tax Treaty Case Law around the Globe 2017 (pp. 69-80). Vienne, Autriche: International Bureau of Fiscal Documentation.

**Richelle, I.** Dans les arcanes de la nouvelle directive sur le règlement des différends fiscaux. In P., Paschalidis & J., Wildemeersch (Eds.), L'Europe au présent ! - Liber amicorum Melchior Wathelet (Larcier Group, pp. 883-927). Bruxelles, Belgique: Bruylant.

**Riguelle, F., & Van Caillie, D.** Competing as a luxury SME. In S., Reinecke, B., Berghaus (Ed.), & G., Muller-Stewens (Ed.), The Management of Luxury - An international guide Seconde édition, pp. 265-280). London, Royaume-Uni: Kogan Page.

**Docclo, C.** (May). Partir, payer, regretter - note d'observations sous civ. Bruxelles 19 décembre 2016. Tijdschrift voor Fiscaal Recht. <http://hdl.handle.net/2268/224814> Richelle, I. (September). Opinion Statement ECJ-TF 1/2018 on the Decision of the Comptability of Limitation-on-Benefits Clauses with the EU Fundamental Freedoms. European Taxation, 419-425. <http://hdl.handle.net/2268/231188>

**CFE ECJ Task Force, & Richelle, I.** (April). Opinion Statement ECJ-TF 4/2017 on the Decision of the Court of Justice of the European Union of 9 February 2017 in X (Case "Pro-Rata Personal Deductions"), Concerning Personal and Family Tax Benefits in Multi-State Situations. European Taxation, 163-169. <http://hdl.handle.net/2268/226588>

**CFE ECJ Task Force, & Richelle, I.** Opinion Statement ECJ-TF 4/2017 on the Decision of the Court of Justice of the European Union of 9 February 2017 in X (Case C-283/15) ("pro-rata personal deductions"), concerning personal and family tax benefits in multistate situations. European Taxation, 58, 163-169. <http://hdl.handle.net/2268/221683>

**CFE ECJ Task Force, & Richelle, I.** Opinion Statement ECJ-TF 3/2017 on the Decision of the Court of Justice of the European Union of 16 May 2017 in Berlioz Investment Fund SA (Case C-682/15), Concerning the Right to Judicial Review under Article 47 of the EU Charter of Fundamental Rights in Cases of Cross-Border Mutual Assistance in Tax Matters. European Taxation, 58(2018), 2/3. <http://hdl.handle.net/2268/219353>

**Crutzen, N., Bounazef, D., & Qian, W.** Developing Sustainability Mobility Controls: The Case of Four Belgian Local Governments. Social and Environmental Accountability Journal, 38, 2156-2245. @HEC Liège AJG <http://hdl.handle.net/2268/218569>

**Richelle, I.** (October). Opinion Statement ECJ-TF 2/2018 on the ECJ Decision of 7 Sept. 2017 in Eqiom (Case C-6/16), Concerning the Compatibility of the French Anti-Abuse Rule Regarding outbound Dividends with the EU Parent-Subsidiary Directive (2011/96) and the Fundamental Freedoms. European Taxation, 471-478. <http://hdl.handle.net/2268/231190>



## PROCEEDINGS

**Bounazef, D.** Smartainability and Mobility Strategy: The Case of Belgian Local Governments. In D., Bounazef, Innovation Management, Entrepreneurship and Sustainability 2018 Proceedings of the 6th International Conference (pp. 115-127). Prague, Tchèque: Vysoká škola ekonomická v Praze, Nakladatelství Oeconomica – Praha 2018. <http://hdl.handle.net/2268/226586>

## REPORTS

**Bounazef, D., Desdemoustier, J., Crutzen, N., Basile, C., Randaxhe, J.** (Other coll.), & Naisse, P. (Other coll.). Baromètre België 2018: SMART CITIES: STRATEGIEËN EN PROJECTEN IN BELGIË. Liège, Belgium: Smart City Institute, HEC Liège. <http://hdl.handle.net/2268/225025>

**Bounazef, D., Desdemoustier, J., Crutzen, N., Basile, C., Randaxhe, J.** (Other coll.), & Naisse, P. (Other coll.). Baromètre belge 2018: Stratégies et projets Smart City en Belgique. Liège, Belgium: Smart City Institute, HEC Liège. <http://hdl.handle.net/2268/225024>

**Bounazef, D., Desdemoustier, J., Crutzen, N., Basile, C., Randaxhe, J.** (Other coll.), & Naisse, P. (Other coll.). BAROMÈTRE 2018: SMART CITIES EN WALLONIE. Liège, Belgique: Smart City Institute, HEC Liège. <http://hdl.handle.net/2268/220046>

**Nguyen, C. T.-L., Bleus, H., Van Bockhaven, J., & Crutzen, N.** SMART CITY: DE PRAKTISCHE GIDS. Smart City Institute. <http://hdl.handle.net/2268/232975>

**Nguyen, C. T.-L., Bleus, H., Van Bockhaven, J., Crutzen, N., & Basile, C.** Smart City - Le Guide Pratique - Tome 2 - Comment Rendre le Citoyen Acteur de son Territoire? Liège, Belgique: Smart City Institute. <http://hdl.handle.net/2268/229265>

## Seminars &amp; Conferences

**Bleus, H., & Crutzen, N.** (June 19). Business Model and Smart City, a literature review. Paper presented at The ISPIM Innovation Conference – Innovation, The Name of The Game, Stockholm, Sweden. <http://hdl.handle.net/2268/226247>

**Bounazef, D., & Crutzen, N.** (June). Measuring the place of Sustainability and Smart approaches in smart territories The case of 215 business students in Belgium. Paper presented at 22nd EMAN Conference. Social Responsibility and Sustainability Accounting-Key Corporate Performance Drivers and Measures Danubius University of Galati June 21, 2018 – June 22, 2018, Galati, Roumania. <http://hdl.handle.net/2268/226238>

**Bounazef, D., & Crutzen, N.** (June). Smartainability and Mobility Strategy: The Case of Belgian Local governments. Paper presented at IMES, Prague, Tchèque. <http://hdl.handle.net/2268/226518>

**Bounazef, D., & Crutzen, N.** (June). Supporting smart and sustainable mobility: Analysis of management controls in ten Belgian local governments. Paper presented at 22nd EMAN Conference. Social Responsibility and Sustainability Accounting-Key Corporate Performance Drivers and Measures Danubius University of Galati June 21, 2018 – June 22, 2018, Galati, Roumania. <http://hdl.handle.net/2268/226237>

**Bounazef, D., & Crutzen, N.** Smartainability and Mobility Strategy: The Case of Belgian Local Governments. Paper presented at The 6th International Conference Innovation Management, Entrepreneurship and Sustainability (IMES 2018), Prague, Tchèque. <http://hdl.handle.net/2268/224253>

**Bounazef, D., Desdemoustier, J., & Crutzen, N.** (October 26). State of municipal global strategies and smart initiatives in Belgium. Paper presented at 5th B-Scan Meeting, Brussels, Belgium. <http://hdl.handle.net/2268/229117>

**Boussaid, N., & Sougné, D.** (May 22). Conditional Conservatism and Analyst Forecast Consistency. Paper presented at 35th Annual Conference of the French Finance Association (AFFI), France. <http://hdl.handle.net/2268/224560>

**Desdemoustier, J., & Crutzen, N.** (August). Governance and stakeholders of Smart Cities: A call for stronger theoretical foundation to tackle the complexity. Paper presented at 58th ERSA Congress: “Places for People: Innovative, Inclusive and liveable Regions”, Cork, Ireland. <http://hdl.handle.net/2268/228305>

## Research Projects

### APPLIED/ INTEGRATION CONTRIBUTION

**Mohamadou, A., & Van Caillie, D.** (July 23). Effet de l'introduction du modèle EFQM d'excellence sur la performance organisationnelle des hôpitaux publics: le cas de l'Afrique subsaharienne. Paper presented at 1er Congrès Interdisciplinaire sur le Système de Santé, Likasi, République Démocratique du Congo. <http://hdl.handle.net/2268/232227>

**Richelle, I.** (April 28). La réforme de l'impôt des sociétés - Questions choisies. Paper presented at La Réforme de l'impôt des sociétés, Liège, Belgium. <http://hdl.handle.net/2268/232367>

**Richelle, I.** (February 01). Les aspects internationaux de la réforme de l'impôt des sociétés. Paper presented at Les Dialogues de la Fiscalité, Louvain la Neuve, Belgium. <http://hdl.handle.net/2268/232369>

**Richelle, I.** (March 06). La réforme de l'impôt des sociétés - Questions choisies. Paper presented at La Réforme de l'impôt des sociétés, Fernelmont, Belgium. <http://hdl.handle.net/2268/232368>

**Richelle, I., & Peeters, B.** (July). Selection of the arbitrators under the Arbitration Convention and Dispute Resolution Directive. Paper presented at Conference in Rust (Austria) on «Tax Treaty Arbitration», 5-7 July 2018, Rust, Austria. <http://hdl.handle.net/2268/232366>

**Van Bockhaven, J., Desdemoustier, J., & Crutzen, N.** (April 18). Advances in Urban Data Management in Belgian Smart Cities. Paper presented at Cities4People: Smart cities and data analytics, 's-Hertogenbosch, the Netherlands. <http://hdl.handle.net/2268/223851>

**Van Caillie, D.** (July 23). Qualité et gestion par les processus en milieu hospitalier, clés de la performance en milieu hospitalier. Paper presented at 1er Congrès Interdisciplinaire sur le Système de Santé, Likasi, République Démocratique du Congo. <http://hdl.handle.net/2268/232215>

**Van Caillie, D.** (October 25). Les raisons de l'échec d'une reprise de PME: une analyse ex-post du processus de transmission. Paper presented at 14ème Congrès International Francophonie sur la PME, Toulouse, France. <http://hdl.handle.net/2268/232214>

SPW-DGO6 - Economie, Emploi, Formation, Recherche  
**Smart City Institute:** *Accompagnement et mise en oeuvre de la stratégie en matière de Smart Région*  
Project Leader(s): **CRUTZEN N.**

**First Spin-Off** (SPW-DGO6 - Economie, Emploi, Formation, Recherche)

**SECURIMET:** *Mise en oeuvre de METriques permettant de mesurer et de comparer le niveau de CULTure de SECurité et de RIsque d'une organisation à haut niveau de risque confrontée à des enjeux élevés de fiabilité*  
Project Leader(s): **VAN CAILLIE D.**

**Mission scientifique** (WBI -Wallonie-Bruxelles International)  
*Subvention dans le cadre d'une mission en Argentine et au Chili*  
Project Leader(s): **BASILE C.**

**Interreg V B - North West Europe** (Interreg)  
**GROOF:** *Greenhouses to Reduce CO2 on Roofs*  
Collaborator(s): **CRUTZEN N.**  
Role: Coordinator

**Programmation 2014-2020** (FEDER)  
**Wal-e-Cities: ECO (SCI):** *Wal-e-Cities ECO ULG SCI*  
Project Leader(s): **CRUTZEN N.**  
Role: Partner  
Partner(s): CENAREO Centre de Recherche en Aéronautique ASBL; CETIC Centre d'Excellence en Technologie de l'Information et de la Communication; Multitel asbl; University of Namur (UNamur); REITER S. - University of Liège (ULiège) - Urban and Environmental Engineering; TELLER J. - University of Liège (ULiège) - Urban and Environmental Engineering

## **THEORETICAL/METHODOLOGICAL CONTRIBUTION**

**PFS 2: projet de formation Sud** (ARES - CCD)  
*Parcours de formation doctorale en Sciences humaines et sociales pour la région des Grands Lacs*  
 Collaborator(s): **VAN CAILLIE D.**  
 Role: Partner

## **MISSIONS & EXPERT'S REPORTS**

**OCTAD - Outil de caractérisation du territoire et aide à la décision - Support méthodologique**  
 Main financing source: SPI  
 Academic/ Scientific Leader: **VAN CAILLIE D.**

## **Scientific Committees**

### **EDITORIAL BOARDS OF INTERNATIONAL JOURNALS**

**JOUSTEN A.**  
 Journal of Pension Economics and Finance  
 Role: Associate editor

### **EDITORIAL BOARDS OF NATIONAL JOURNALS**

**JOUSTEN A.**  
 revue belge de securite sociale/belgisch tijdschrift voor sociale zekerheid  
 Role: Associate editor

### **ORGANIZATION COMMITTEE OF CONFERENCE**

**JOUSTEN A.**  
 Congres des economistes belges de langue francaise  
 Role: Deputy chairman / vice president

### **JURY**

**JOUSTEN A.**  
 MITSOPRO ERC project  
 Role: Member

## **PhDs**

### **DEFENDED PHDS**

**OKTOFA YUDHA SUDRAJAD**  
 The dynamics of bank business models in the ASEAN banking sector  
 (Supervisor: VAN CAILLIE D.)

**XHIGNESSE G.**  
 Essays on Tax Relief for Home Mortgages, Residential Choices and Housing Policy in Belgium.  
 (Supervisor: JOUSTEN A.)

### **PHDS IN PROGRESS**

**BLEUS H.**  
 Open Innovation & Circular Economy in Smart Cities  
 (Supervisor: CRUTZEN N.)

**DESEMOUSTIER J.**  
 Deciphering the understandings and appropriation of the Smart City concept a multilevel inquiry.  
 (Supervisor: CRUTZEN N.)

**EL MHOUAR N.**  
 Managing Smart Cities, HEC Liège  
 (Supervisor: CRUTZEN N.)

**MATTART R.**  
 Family Business over time: which advantages, which limits, which alternatives?  
 (Supervisor: CRUTZEN N.)

### **PARTICIPATION IN EXTERNAL PHD JURY**

**SCHOCKAERT D.**  
 Harmonization of International Standards on Auditing and the Auditor's Report, and its Relation to Audit Quality.  
 (Jury member: **OLIVIER H.**)

## **Research Seminars**

**TINA EHRKE-RABEL**, Université de Graz, Austria  
 Invisible Taxation through big Data Analytics - Do we scarify our privacy for convenience? (Dec., 06)

## Other Scientific Activities

### ACADEMIC SOCIETIES

#### CRUTZEN N.

B-Scan Belgium Smart City Academic Network  
Role: founder

### INTERNATIONAL NETWORKS

#### CRUTZEN N.

Environmental Management Accounting Network (EMAN)

#### CRUTZEN N.

Intelligent Community Forum  
Role: Scientific expert

#### RICHELE I.

ECJ Task Force - Confédération fiscale européenne  
Role: Scientific expert

#### RICHELE I.

European Association of Tax Law Professors  
Role: Partner

#### RICHELE I.

Comité Fiscal - Direct Taxes - Confédération Fiscale européenne  
Role: Scientific expert

## Other Activities

### INTERNATIONAL NETWORKS

#### JOUSTEN A.

ISS-NBER  
Role: Partner

#### JOUSTEN A.

NETSPAR  
Role: Partner

#### JOUSTEN A.

IZA  
Role: Partner

### ORGANIZATION OF WORKSHOP

*Smart Inspiration Day*

Organizers: **CRUTZEN N.**

Speakers: **CRUTZEN N.**, TURNBULL K. (Texas A&M University), VAN GIJZEL R.

### DIVERS SPEECHES

**Van Bockhaven, J., Randaxhe, J., & Crutzen, N.** (Workshop: individual perception of the smart city. Le Sommet, Liege, Belgium.

**Bounazef, D.** How do smart cities improve the quality of life in Belgian cities? Paper presented at Space for Ghent, Ghent, Belgium.



# Emerging Fields



Valérie Henry  
[v.henry@uliege.be](mailto:v.henry@uliege.be)



“Emerging fields” puts together researchers who work on themes quite beside those who are developed exclusively inside HEC. Their researches are mainly multidimensional and can give a specific perspective on some features of the research in HEC.

## Publications

### PAPERS IN OTHER PROFESSIONAL ORIENTED JOURNALS

**Henry, V.** La dérivée en économie. *Losanges*, 40, 40-48. <http://hdl.handle.net/2268/232905>

### PEDAGOGICAL PRODUCTIONS

**Lejeune, C.** *Méthodes de recherche qualitative* (Année académique 2018-2019, Université de Liège, METO0825). Liège, Belgique: Presses Universitaires de Liège. <http://hdl.handle.net/2268/214422>

**Lejeune, C.** (2018). *Découvrir la recherche qualitative par la pratique* (École doctorale en sciences de gestion, GDOC0006 -Découvrir la recherche qualitative par la pratique).

## Seminars & Conferences

**Henry, V., & Haesbroeck, G.** (February 07). Les probabilités: comment allier intuition et raisonnement ? Que peut apporter l'outil informatique ? Paper presented at Séminaire AMUlg, Liège, Belgique. <http://hdl.handle.net/2268/220372>

**Henry, V.** (WJuly 06). *Le dispositif TRANSPRO: formation de futurs enseignants à l'analyse de pratiques en blendedlearning.* Paper presented at Colloque du DIDACTIfen, Liège, Belgique. <http://hdl.handle.net/2268/226827>

**Henry, V., & Pierard, M.** (December 18). *Réflexions sur l'enseignement de la trigonométrie.* Paper presented at Première journée d'études de l'IRDENa, Namur, Belgique. <http://hdl.handle.net/2268/232258>

## Missions & Expert's report

### Fournir des outils didactiques aux enseignants de mathématiques dans le cadre du Pacte d'Excellence

Main financing source: FWB

Pedagogical Leader: **HENRY V.**

### Rédaction du référentiel en mathématiques pour le futur tronc commun défini par le Pacte pour un enseignement d'Excellence

Main financing source: Fédération Wallonie-Bruxelles

Pedagogical Leader: **HENRY V.**

## Scientific Committees

### EDITORIAL BOARD OF NATIONAL JOURNALS

#### **HENRY V.**

Comité de rédaction de la revue *Losanges*

Role: Editor-in-Chief

### EDITORIAL BOARD OF INTERNATIONAL JOURNALS

#### **SURLEMONT B.**

ENTREPRENDRE ET INNOVER

Role: Member of the reading committee

### SCIENTIFIC COMMITTEE OF INSTITUTIONS

#### **HENRY V.**

Comité d'expertise disciplinaire mathématiques du CE-CAFOC

Role: Member

## International Network

#### **LEJEUNE C.**

Réseau International Francophone de Recherche Qualitative (RIFREQ)

Role: Coordinator

## Publications

### BOOKS

**Dupont, P.** Olympiades mathématiques belges - Recueil de questions - Tome 9 (2015-2018). Mons, Belgique:SBPMef.

**Sepulchre, V.** Mémento de la Fiscalité locale et régionale. Malines, Belgique: Kluwer.

### PAPERS IN OTHER PROFESSIONAL ORIENTED JOURNALS

**Dupont, P.** L'axonométrie orthogonale avec Tikz. Los-anges, 41, 48-57.

## Seminars & Conferences

**Neysen, N.** (October 18). Blockchain et smart contracts dans l'industrie du disque : Le rôle du régulateur en vue de créer un modèle équitable. Paper presented at Le contenu culturel à l'ère du numérique, Liège, Belgium. <http://hdl.handle.net/2268/227907>

**Bublout, J., & Sepulchre, V.** (March 19). Actualités T.V.A. de l'année écoulée. Paper presented at Séminaires HEC Liège, Liège, Belgium. <http://hdl.handle.net/2268/222745>

## Projects

### SUBSIDIZED PROJECTS

#### PFS 2: projet de formation Sud (ARES - CCD)

L'entrepreneuriat et l'Intrapreneuriat - Formation pour renforcer le secteur privé et promouvoir la création d'entreprises par et pour les diplômé(e)s de l'enseignement supérieur

Project Leader(s): LISEIN O.

Role: Coordinator

Partner(s): SYLLA K. - University of Abomey-Calavi; CONDE P. - Ministère de la Jeunesse, des Sports et des Loisirs; DEMBELE S. - Ministère de la Jeunesse, de la Formation Professionnelle et de l'Emploi; KARGOUGOU I. - Maison de l'Entreprise du Burkina Faso; NORET J. - Université Libre de Bruxelles (ULB); SATCHIVI J. - Chambre de Commerce et de l'Industrie du Bénin; KEITA A. - University of Ouagadougou

### MISSIONS & EXPERT'S REPORT

**Assistance in the elaboration of the future European accounting standards applicable to all public sector entities by reference to the standards IPSAS, IFRS and SEC 2010. The mission includes analyses on various questions related to consolidation.**

Main financing source: European Commission (Eurostat)  
Academic/ Scientific Leader: **SCHUMESCH P.**

**Contribution to advertising industry research projects**

Main financing source: Advertising Research Foundation (ARF)

Collaborator: **GHILISSEN M.**

# Scientific Committees

## SCIENTIFIC COMMITTEES OF INSTITUTIONS

### SCHUMESCH P.

Public Sector Group of Accountancy Europe  
Role: Member

### SCHUMESCH P.

IPSAS/EPAS Committee of the Belgian Institute of Registered Auditors  
Role: Chairman/ president

## JURY

### JOUSTEN A.

MITSOPRO ERC project  
Role: Member

## Other Activities

### INTERNATIONAL NETWORKS

#### JOUSTEN A.

IZA  
Role: Partner

#### PEERE I.

Kommission für Volksdichtung (International Ballad Commission)  
Role: Member

### DIVERS SPEECHES

**Neysen, N.** From pipelines to platforms or how to pursue radical innovation. CONNECT, Louvain-la-Neuve, Belgium.



# **HEC Liège Academic Journal Guide**

## **2018**

- 1. Ranked journals**
- 2. Methodology and sources**

Journal Name	ISSN	HEC Rank
AmericWan Economic Review	0002-8282	A+
Econometrica	0012-9682	A+
Journal of Political Economy	0022-3808	A+
Quarterly Journal of Economics	0033-5533	A+
Review of Economic Studies	0034-6527	A+
Academy of Management Journal, The	0001-4273	A+
Academy of Management Review, The	0363-7425	A+
Accounting Review, The	0001-4826	A+
Accounting, Organizations and Society	0361-3682	A+
Administrative Science Quarterly	0001-8392	A+
Contemporary Accounting Research	0823-9150	A+
Entrepreneurship Theory and Practice	1042-2587	A+
Harvard Business Review	0017-8012	A+
Human Relations	0018-7267	A+
Human Resource Management	0090-4848	A+
Information Systems Research	1047-7047	A+
Journal of Accounting and Economics	0165-4101	A+
Journal of Accounting Research	0021-8456	A+
Journal of Applied Psychology	0021-9010	A+
Journal of Business Ethics	0167-4544	A+
Journal of Business Venturing	0883-9026	A+
Journal of Consumer Psychology	1057-7408	A+
Journal of Consumer Research	0093-5301	A+
Journal of Finance, The	0022-1082	A+
Journal of Financial and Quantitative Analysis	0022-1090	A+
Journal of Financial Economics	0304-405X	A+
Journal of International Business Studies	0047-2506	A+
Journal of Management	0149-2063	A+
Journal of Management Information Systems	0742-1222	A+
Journal of Management Studies	0022-2380	A+
Journal of Marketing	0022-2429	A+
Journal of Marketing Research	0022-2437	A+
Journal of Operations Management	0272-6963	A+
Journal of the Academy of Marketing Science	0092-0703	A+
Management Science	0025-1909	A+
Manufacturing & Service Operations Management	1523-4614	A+
Marketing Science	0732-2399	A+
MIS Quarterly	0276-7783	A+
MIT Sloan Management Review	1532-9194	A+
Operations Research	0030-364X	A+
Organization Science	1047-7039	A+
Organization Studies	0170-8406	A+
Organizational Behavior and Human Decision Processes	0749-5978	A+
Production and Operations Management	1059-1478	A+
Research Policy	0048-7333	A+
Review of Accounting Studies	1380-6653	A+
Review of Finance	1572-3097	A+
Review of Financial Studies	0893-9454	A+
Strategic Entrepreneurship Journal	1932-4391	A+
Strategic Management Journal	0143-2095	A+

Journal Name	ISSN	HEC Rank
Academy of Management Annals	1941-6520	A
Academy of Management, Learning and Education	1537-260X	A
American Economic Journal: Macroeconomics	1945-7707	A
American Economic Journal: Microeconomics	1945-7669	A
American Journal of Agricultural Economics	0002-9092	A
American Journal of Sociology	0002-9602	A
American Sociological Review	0003-1224	A
Annals of Statistics	0090-5364	A
Annual Review of Psychology	0066-4308	A
Annual Review of Sociology	0360-0572	A
Biometrika	0006-3444	A
Brookings Papers on Economic Activity	0007-2303	A
Business Ethics Quarterly	1052-150X	A
Current Directions in Psychological Science	0963-7214	A
Ecological Economics	0921-8009	A
Econometric Theory	0266-4666	A
Economic Development and Cultural Change	0013-0079	A
Economic Geography	0013-0095	A
Economic History Review	0013-0117	A
Economic Journal	0013-0133	A
Economic Theory	0938-2259	A
Economics and Philosophy	0266-2671	A
Energy Journal	0195-6574	A
Environment and Planning A	0308-518X	A
Environment and Planning D: Society and Space	0263-7758	A
European Economic Review	0014-2921	A
European Journal of the History of Economic Thought	0967-2567	A
Experimental Economics	1386-4157	A
Games and Economic Behavior	0899-8256	A
Health Economics	1057-9230	A
History of Political Economy	0018-2702	A
IEEE Transactions on Evolutionary Computation	1089-778X	A
International Economic Review	0020-6598	A
International Review of Law and Economics	0144-8188	A
Journal of Applied Econometrics	0883-7252	A
Journal of Comparative Economics	0147-5967	A
Journal of Development Economics	0304-3878	A
Journal of Econometrics	0304-4076	A
Journal of Economic Dynamics and Control	0165-1889	A
Journal of Economic Geography	1468-2702	A
Journal of Economic Growth	1381-4338	A
Journal of Economic History	0022-0507	A
Journal of Economic Literature	0022-0515	A
Journal of Economic Perspectives	0895-3309	A
Journal of Economic Theory	0022-0531	A
Journal of Environmental Economics and Management	0095-0696	A
Journal of Experimental Psychology: Applied	1076-898X	A
Journal of Experimental Social Psychology	0022-1031	A
Journal of Health Economics	0167-6296	A
Journal of Human Resources	0022-166X	A
Journal of Industrial Economics	0022-1821	A

Journal Name	ISSN	HEC Rank
Journal of International Economics	0022-1996	A
Journal of Labor Economics	0734-306X	A
Journal of Law and Economics	0022-2186	A
Journal of Legal Studies	0047-2530	A
Journal of Mathematical Economics	0304-4068	A
Journal of Monetary Economics	0304-3932	A
Journal of Occupational Health Psychology	1076-8998	A
Journal of Personality and Social Psychology	0022-3514	A
Journal of Public Administration: Research and Theory	1053-1858	A
Journal of Public Economics	0047-2727	A
Journal of the American Statistical Association	0162-1459	A
Journal of the Association of Information Systems	1536-9323	A
Journal of the European Economic Association	1542-4766	A
Journal of the Royal Statistical Society Series B (Methodology)	1369-7412	A
Journal of Travel Research	0047-2875	A
Journal of Urban Economics	0094-1190	A
Mathematical Programming	0025-5610	A
Mathematics of Operations Research	0364-765X	A
Medical Care	0025-7079	A
Personality and Social Psychology Bulletin	0146-1672	A
Psychological Bulletin	0033-2909	A
Psychological Review	0033-295X	A
Psychological Science	0956-7976	A
Public Choice	0048-5829	A
Quantitative Economics	1759-7323	A
RAND Journal of Economics	0741-6261	A
Review of Economics and Statistics	0034-6535	A
Risk Analysis: An International Journal	0272-4332	A
Social Choice and Welfare	0176-1714	A
Social Science and Medicine	0277-9536	A
Sociology	0038-0385	A
Sociology of Health and Illness	0141-9889	A
Theoretical Economics	1933-6837	A
Tourism Management	0261-5177	A
Transportation Research Part B: Methodological	0191-2615	A
World Bank Economic Review	0258-6770	A
World Development	0305-750X	A
Abacus	0001-3072	A
Annals of Tourism Research	0160-7383	A
Auditing: A Journal of Practice & Theory	0278-0380	A
British Journal of Industrial Relations	0007-1080	A
British Journal of Management	1045-3172	A
Business History	0007-6791	A
Business History Review	0007-6805	A
California Management Review	0008-1256	A
Communications of the ACM	0001-0782	A
Computers & Operations Research	0305-0548	A
Decision Sciences	0011-7315	A
Decision Support Systems	0167-9236	A
European Accounting Review	0963-8180	A
European Journal of Information Systems	0960-085X	A



Journal Name	ISSN	HEC Rank
European Journal of Operational Research	0377-2217	A
Financial Management	0046-3892	A
Global Strategy Journal	2042-5791	A
Human Resource Management Journal	0954-5395	A
Human Resource Management Review	1053-4822	A
IEEE Transactions on Engineering Management	0018-9391	A
IIE Transactions	0740-817X	A
Industrial and Corporate Change	0960-6491	A
Industrial Relations	0019-8676	A
Information & Management	0378-7206	A
Interfaces	0092-2102	A
International Journal of Electronic Commerce	1086-4415	A
International Journal of Industrial Organization	0167-7187	A
International Journal of Operations and Production Management	0144-3577	A
International Journal of Production Economics	0925-5273	A
International Journal of Research in Marketing	0167-8116	A
Journal of Advertising	0091-3367	A
Journal of Banking & Finance	0378-4266	A
Journal of Business & Economic Statistics	0735-0015	A
Journal of Business Finance & Accounting	0306-686X	A
Journal of Corporate Finance	0929-1199	A
Journal of Economics & Management Strategy	1058-6407	A
Journal of Empirical Finance	0927-5398	A
Journal of Evolutionary Economics	0936-9937	A
Journal of Financial Intermediation	1042-9573	A
Journal of Financial Markets	1386-4181	A
Journal of Information Technology	0268-3962	A
Journal of Interactive Marketing	1094-9968	A
Journal of International Money and Finance	0261-5606	A
Journal of Law, Economics, & Organization	8756-6222	A
Journal of Money, Credit and Banking	0022-2879	A
Journal of Occupational and Organizational Psychology	0963-1798	A
Journal of Organizational Behavior	0894-3796	A
Journal of Product Innovation Management, The	0737-6782	A
Journal of Purchasing and Supply Management	1478-4092	A
Journal of Retailing	0022-4359	A
Journal of Service Research	1094-6705	A
Journal of Supply Chain Management	1523-2409	A
Journal of Vocational Behavior	0001-8791	A
Journal of World Business	1090-9516	A
Leadership Quarterly	1048-9843	A
Long Range Planning	0024-6301	A
Management Accounting Research	1044-5005	A
Marketing Letters	0923-0645	A
Omega	0305-0483	A
Organization	1350-5084	A
Organizational Research Methods	1094-4281	A
Personnel Psychology	0031-5826	A
Public Administration	0033-3298	A
Public Administration Review	0033-3352	A
Quantitative Marketing and Economics	1570-7156	A

Journal Name	ISSN	HEC Rank
Review of Asset Pricing Studies	2045-9920	A
Review of Corporate Finance Studies	2046-9128	A
Small Business Economics	0921-898X	A
Strategic Organization	1476-1270	A
Transportation Research Part E: The Logistics and Transportation Review	1366-5545	A
Transportation Science	0041-1655	A
Work, Employment & Society	0950-0170	A
Accident Analysis and Prevention	0001-4575	B
Accounting Forum	0155-9982	B
ACM Transactions on Modeling and Computer Simulation	1049-3301	B
African Affairs	0001-9909	B
American Economic Journal: Applied Economics	1945-7782	B
American Economic Journal: Economic Policy	1945-7731	B
American Law and Economic Review	1465-7252	B
Annales d'Economie et de Statistique	0769-489X	B
Annals of Regional Science	0570-1864	B
Annual Review of Economics	1941-1383	B
Annual Review of Financial Economics	1941-1367	B
Antipode	0066-4812	B
Applied Economics	0003-6846	B
BMJ Quality and safety (Original research)	2044-5415	B
British Educational Research Journal	0141-1926	B
British Journal Of Psychology	0007-1269	B
British Journal of Social Psychology	0144-6665	B
British Journal of Sociology	0007-1315	B
British Tax Review	0007-1870	B
Business Strategy and The Environment	0964-4733	B
Cambridge Journal of Economics	0309-166X	B
Cambridge Journal of Regions, Economy and Society	1752-1378	B
Canadian Journal of Economics	0008-4085	B
China Economic Review	1043-951X	B
Comptabilité Contrôle Audit	1262-2788	B
Computational Optimization and Applications	0926-6003	B
Computational Statistics & Data Analysis	0167-9473	B
Computers in Human Behavior	0747-5632	B
Computers in Industry	0166-3615	B
Critical Perspectives on Accounting	1045-2354	B
Demography	0070-3370	B
Dynamic Games and Applications	2153-0785	B
Econometric Reviews	0747-4938	B
Econometrics Journal	1368-4221	B
Economic and Industrial Democracy	0143-831X	B
Economic Inquiry	0095-2583	B
Economic Modelling	0264-9993	B
Economic Policy	0266-4658	B
Economica	0013-0427	B
Economics Letters	0165-1765	B
Economics of Education Review	0272-7757	B
Economics of Innovation and New Technology	1043-8599	B
Economy and Society	0308-5147	B
Electoral Studies	0261-3794	B

Journal Name	ISSN	HEC Rank
Energy Economics	0140-9883	B
Energy Policy	0301-4215	B
Environment and Planning C: Government and Policy	0263-774X	B
Environmental and Resource Economics	0924-6460	B
Environmental Science and Policy	1462-9011	B
Environmental Science and Technology	0013-936X	B
Ergonomics	0014-0139	B
European Journal of Health Economics	1618-7598	B
European Journal of Law and Economics	0929-1261	B
European Journal of Political Economy	0176-2680	B
European Journal of Social Psychology	0046-2772	B
European Review of Agricultural Economics	0165-1587	B
European Review of Economic History	1361-4916	B
European Sociological Review	0266-7215	B
European Sport Management Quarterly	1618-4742	B
European Urban and Regional Studies	0969-7764	B
Evolutionary Computation	1063-6560	B
Expert Systems with Applications	0957-4174	B
Explorations in Economic History	0014-4983	B
Finance	0752-6180	B
Financial Markets, Institutions and Instruments	0963-8008	B
Food Policy	0306-9192	B
Foundations and Trends in Accounting	1554-0642	B
Fuzzy Optimization and Decision Making	1568-4539	B
Gender, Work and Organization	0968-6673	B
Geneva Risk and Insurance Review	1554-964X	B
Global Environmental Change	0959-3780	B
Global Networks - A Journal of Transnational Affairs	1471-0374	B
Governance: An International Journal of Policy, Administration and Institutions	0952-1895	B
Government Information Quarterly	0740-624X	B
Health Policy	0168-8510	B
Health Services Research	0017-9124	B
Human Factors: Journal of Human Factors and Ergonomics Society	0018-7208	B
Human Performance	0895-9285	B
IEEE Transactions on Cybernetics (formerly «IEEE Transactions on Systems Man and Cybernetics Part C (Applications and Reviews)»)	2168-2267	B
IEEE Transactions on Software Engineering	0098-5589	B
IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans	1083-4427	B
IMF Economic Review (formerly IMF Staff Papers with ISSN 1020-7635)	2041-4161	B
Industrial and Labor Relations Review	0019-7939	B
Industrial Law Journal	0305-9332	B
Industrial Relations Journal	0019-8692	B
Information and Organization	1471-7727	B
Information Economics and Policy	0167-6245	B
Information Society	0197-2243	B
Information Systems Frontiers	1387-3326	B
Information Technology and People	0959-3845	B
INFORMS Journal on Computing	1091-9856	B
Insurance, Mathematics and Economics	0167-6687	B
International Journal of Accounting	1094-4060	B
International Journal of Contemporary Hospitality Management	0959-6119	B

Journal Name	ISSN	HEC Rank
International Journal of Finance and Economics	1076-9307	B
International Journal of Forecasting	0169-2070	B
International Journal of Game Theory	0020-7276	B
International Journal of Hospitality Management	0278-4319	B
International Journal of Management Reviews	1460-8545	B
International Journal of Rehabilitation Research	0342-5282	B
International Review of Administrative Sciences	0020-8523	B
International Review of Financial Analysis	1057-5219	B
International Review of Industrial and Organizational Psychology	0886-1528	B
International Statistical Review	0306-7734	B
International Tax and Public Finance	0927-5940	B
Journal of African Economies	0963-8024	B
Journal of Agricultural Economics	0021-857X	B
Journal of Computer-Mediated Communication	1083-6101	B
Journal of Conflict Resolution	0022-0027	B
Journal of Cross Cultural Psychology	0022-0221	B
Journal of Development Studies	0022-0388	B
Journal of Economic Methodology	1350-178X	B
Journal of Economic Surveys	0950-0804	B
Journal of Environmental Management	0301-4797	B
Journal of European Public Policy	1350-1763	B
Journal of European Social Policy	0958-9287	B
Journal of Financial Stability	1572-3089	B
Journal of Global Information Management	1062-7375	B
Journal of Heuristics	1381-1231	B
Journal of Housing Economics	1051-1377	B
Journal of Institutional and Theoretical Economics	0932-4569	B
Journal of Institutional Economics	1744-1374	B
Journal of International Accounting, Auditing and Taxation	1061-9518	B
Journal of Macroeconomics	0164-0704	B
Journal of Managerial Psychology	0268-3946	B
Journal of Multivariate Analysis	0047-259X	B
Journal of Optimization Theory and Applications	0022-3239	B
Journal of Policy Analysis and Management	0276-8739	B
Journal of Population Economics	0933-1433	B
Journal of Post Keynesian Economics	0160-3477	B
Journal of Public Economic Theory	1097-3923	B
Journal of Public Policy and Marketing	0743-9156	B
Journal of Quality Technology	0022-4065	B
Journal of Regional Science	0022-4146	B
Journal of Regulatory Economics	0922-680X	B
Journal of Rural Studies	0743-0167	B
Journal of School Psychology	0022-4405	B
Journal of Social Policy	0047-2794	B
Journal of Sustainable Tourism	0966-9582	B
Journal of the American Society for Information Science and Technology (JA-SIST)	1532-2882	B
Journal of the American Taxation Association	0198-9073	B
Journal of the Association of Environmental and Resource Economists	2333-5955	B
Journal of the History of Economic Thought	1053-8372	B
Journal of the Royal Statistical Society Series A (Statistics in Society)	0964-1998	B
Journal of the Royal Statistical Society Series C (Applied Statistics)	0035-9254	B



Journal Name	ISSN	HEC Rank
Journal of Time Series Analysis	0143-9782	B
Judgment and Decision Making	1930-2975	B
Kyklos	0023-5962	B
Labour Economics	0927-5371	B
Land Economics	0023-7639	B
M@n@gement	1286-4692	B
Macroeconomic Dynamics	1365-1005	B
Marketing Theory	1470-5931	B
Mathematical Social Sciences	0165-4896	B
Medical Decision Making	0272-989X	B
Milbank Quarterly	0887-378X	B
National Tax Journal	0028-0283	B
New Political Economy	1356-3467	B
Occupational and Environmental Medicine	1351-0711	B
Oxford Bulletin of Economics and Statistics	0305-9049	B
Oxford Economics Papers	0030-7653	B
Personality and Individual Differences	0191-8869	B
Pharmacoeconomics	1170-7690	B
Policy and Politics	0305-5736	B
Politics and Society	0032-3292	B
Post-Communist Economies	1463-1377	B
Production Planning & Control	0953-7287	B
Progress in Human Geography	0309-1325	B
Psychological Research	0340-0727	B
Psychology of Women Quarterly	0361-6843	B
Psychometrika	0033-3123	B
Public Management Review	1471-9037	B
Public Opinion Quarterly	0033-362X	B
Quarterly Journal of Experimental Psychology	1747-0218	B
Quarterly Journal of Political Science	1554-0626	B
Recherche et Application en Marketing	0767-3701	B
Regional Science and Urban Economics	0166-0462	B
Regional Studies	0034-3404	B
Regulation and Governance	1748-5983	B
Reliability Engineering and System Safety	0951-8320	B
Research in Organizational Behavior	0191-3085	B
Research in the Sociology of Organizations	0733-558X	B
Resource and Energy Economics	0928-7655	B
Review of Economic Dynamics	1094-2025	B
Review of Income and Wealth	0034-6586	B
Review of International Economics	0965-7576	B
Review of Law and Economics	1555-5879	B
Review of Quantitative Finance and Accounting	0924-865X	B
Review of World Economics	1610-2878	B
Revue de Gestion des Ressources Humaines	1163-913X	B
Scandinavian Journal of Economics	0347-0520	B
Scandinavian Journal of Statistics	0303-6898	B
Scandinavian Journal of Work Environment and Health	0355-3140	B
SIAM Journal on Optimization	1052-6234	B
Social Forces	0037-7732	B
Socio-Economic Review	1475-1461	B

Journal Name	ISSN	HEC Rank
Sociological Methodology	0081-1750	B
Sociological Review	0038-0261	B
Southern Economic Journal	0038-4038	B
Studies in Higher Education	0307-5079	B
Systèmes d'Information et Management	1260-4984	B
Theory and Decision	0040-5833	B
Theory Culture and Society	0263-2764	B
Urban Studies	0042-0980	B
West European Politics	0140-2382	B
Work and Occupations	0730-8884	B
Work and Stress	0267-8373	B
World Economy	0378-5920	B
American Review of Public Administration	0275-0740	B
Gender and Society	0891-2432	B
IEEE Transactions on Human-Machine Systems	1094-6977	B
Academy of Management Perspectives, The	1558-9080	B
Accounting and Business Research	0001-4788	B
Accounting and Finance	0810-5391	B
Accounting Horizons	0888-7993	B
Accounting, Auditing & Accountability Journal	0951-3574	B
Administration & Society	0095-3997	B
Annals of Operations Research	0254-5330	B
Applied Financial Economics	0960-3107	B
Applied Psychology	0269-994X	B
Asia Pacific Journal of Management	0217-4561	B
Behavioral Research in Accounting	1050-4753	B
British Accounting Review	0890-8389	B
Business & Information Systems Engineering (BISE, includes WIRTSCHAFTSIN-FORMATIK)	2363-7005	B
Business & Society	0007-6503	B
Business Ethics	0962-8770	B
Computers & Industrial Engineering	0360-8352	B
Corporate Governance: An International Review	0964-8410	B
Corporate Reputation Review	1363-3589	B
Development and Change	0012-155X	B
Economics of Transition	0967-0750	B
Electronic Commerce Research and Applications	1567-4223	B
Enterprise & Society	1467-2227	B
Entrepreneurship & Regional Development	0898-5626	B
European Financial Management	1354-7798	B
European Journal of Finance, The	1351-847X	B
European Journal of Industrial Relations	0959-6801	B
European Journal of Marketing	0309-0566	B
European Journal of Work and Organizational Psychology	1359-432X	B
European Management Journal	0263-2373	B
European Management Review	1740-4754	B
Family Business Review	0894-4865	B
Finance and Stochastics	0949-2984	B
Financial Accountability & Management	0267-4424	B
Financial Analysts Journal	0015-198X	B
Financial Review, The	0732-8516	B
Group and Organization Management	1059-6011	B

Journal Name	ISSN	HEC Rank
Group Decision and Negotiation	0926-2644	B
Health Care Management Science	1386-9620	B
IEEE Transactions on Knowledge and Data Engineering	1041-4347	B
Industrial Marketing Management	0019-8501	B
Industry and Innovation	1366-2716	B
Information Processing & Management	0306-4573	B
Information Systems Journal	1350-1917	B
International Business Review	0969-5931	B
International Journal of Human Resource Management	0958-5192	B
International Journal of Human-Computer Studies	1071-5819	B
International Journal of Information Management	0268-4012	B
International Journal of Physical Distribution & Logistics Management	0960-0035	B
International Journal of Production Research	0020-7543	B
International Marketing Review	0265-1335	B
International Small Business Journal	0266-2426	B
Journal of Accounting and Public Policy	0278-4254	B
Journal of Accounting Literature	0737-4607	B
Journal of Accounting, Auditing & Finance	0148-558X	B
Journal of Advertising Research	0021-8499	B
Journal of Applied Corporate Finance	1078-1196	B
Journal of Behavioral Decision Making	0894-3257	B
Journal of Brand Management	1350-231X	B
Journal of Business Logistics	0735-3766	B
Journal of Business Research	0148-2963	B
Journal of Business-to-Business Marketing	1051-712X	B
Journal of Common Market Studies	0021-9886	B
Journal of Consumer Affairs	0022-0078	B
Journal of Cultural Economics	0885-2545	B
Journal of Derivatives, The	1074-1240	B
Journal of Economic Behavior & Organization	0167-2681	B
Journal of Economic Psychology	0167-4870	B
Journal of Engineering and Technology Management	0923-4748	B
Journal of Financial Econometrics	1479-8409	B
Journal of Financial Research, The	0270-2592	B
Journal of Financial Services Research	0920-8550	B
Journal of Fixed Income, The	1059-8596	B
Journal of Futures Markets, The	0270-7314	B
Journal of Intelligent Manufacturing	0956-5515	B
Journal of International Accounting Research	1542-6297	B
Journal of International Financial Markets, Institutions and Money	1042-4431	B
Journal of International Management	1075-4253	B
Journal of International Marketing	1069-031X	B
Journal of Management Accounting Research	1049-2127	B
Journal of Management Inquiry	1056-4926	B
Journal of Organizational Change Management	0953-4814	B
Journal of Personnel Psychology	1866-5888	B
Journal of Portfolio Management	0095-4918	B
Journal of Real Estate Finance and Economics, The	0895-5638	B
Journal of Retailing and Consumer Services	0969-6989	B
Journal of Risk and Insurance	0022-4367	B
Journal of Risk and Uncertainty	0895-5646	B
Journal of Scheduling	1094-6136	B
Journal of Small Business Management	0047-2778	B

Journal Name	ISSN	HEC Rank
Journal of Strategic Information Systems, The	0963-8687	B
Journal of Technology Transfer	0892-9912	B
Journal of the Operational Research Society	0160-5682	B
Journal of Transport Geography	0966-6923	B
Management and Organization Review	1740-8776	B
Management Communication Quarterly	0893-3189	B
Management International Review	0025-181X	B
Management Learning	1350-5076	B
Maritime Economics & Logistics	1479-2931	B
Maritime Policy & Management	0308-8839	B
Mathematical Finance	0960-1627	B
Naval Research Logistics	0894-069X	B
New Technology, Work and Employment	0268-1072	B
Nonprofit and Voluntary Sector Quarterly	0899-7640	B
Operations Research Letters	0167-6377	B
OR Spectrum	0171-6468	B
Organization & Environment	1086-0266	B
Organizational Dynamics	0090-2616	B
Pacific-Basin Finance Journal	0927-538X	B
Personnel Review	0048-3486	B
Psychology & Marketing	0742-6046	B
Quantitative Finance	1469-7688	B
R&D Management	0033-6807	B
Real Estate Economics	1080-8620	B
Research-Technology Management	0895-6308	B
Review of Industrial Organization	0889-938X	B
Review of International Political Economy	0969-2290	B
Scandinavian Journal of Management	0956-5221	B
Service Industries Journal	0264-2069	B
Supply Chain Management	1359-8546	B
Technological Forecasting and Social Change	0040-1625	B
Technology Analysis & Strategic Management	0953-7325	B
Technovation	0166-4972	B
Total Quality Management & Business Excellence	1478-3363	B
Transnational Corporations	1014-9562	B
Transport Reviews	0144-1647	B
Transportation	0049-4488	B
Transportation Research Part A: Policy and Practice	0965-8564	B
Transportation Research Part D: Transport and Environment	1361-9209	B
Journal of Marketing Behavior	2326-568X	B
4OR	1619-4500	C
Academy of Marketing Science Review	1526-1794	C
Accounting and the Public Interest	1530-9320	C
Accounting Education	0963-9284	C
Accounting Historians Journal	0148-4184	C
Accounting History	1032-3732	C
Accounting History Review (ex Accounting Business and Financial History)	2155-2851	C
Accounting in Europe	1744-9480	C
Accounting Research Journal	1030-9616	C
ACM Transactions on Human Computer Interactions	1073-0516	C
Action Learning	1476-7333	C
Action Research	1476-7503	C
Active Learning in Higher Education	1469-7874	C



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Advances in Accounting (incorporates «Advances in International Accounting» ISSN 0897-3660)	0882-6110	C
Advances in Accounting Behavioral Research	1475-1488	C
Advances in Accounting Education: Teaching and Curriculum Innovations	1527-893X	C
Advances in Austrian Economics	1529-2134	C
Advances in Consumer Research	0098-9258	C
Advances in Developing Human Resources	1523-4223	C
Advances in Econometrics	0731-9053	C
Advances in Environmental Accounting and Management	1479-3598	C
Advances in Hospitality and Leisure	1745-3542	C
Advances in Industrial and Labor Relations	0742-6186	C
Advances in International Accounting	0897-3660	C
Advances in International Marketing	1474-7979	C
Advances in Management Accounting	1474-7871	C
Advances in Public Interest Accounting	1041-7060	C
Advances in Strategic Management	0742-3322	C
Advances in Taxation	1058-7497	C
African Finance Journal	1605-9786	C
Agricultural and Resource Economics Review	1068-2805	C
Agricultural Economics	0169-5150	C
Agricultural Finance Review	0002-1466	C
AIS Transactions on Human-Computer Interaction	1944-3900	C
American Behavioral Scientist	0002-7642	C
American Journal of Economics and Sociology	0002-9246	C
American Journal of Medical Quality	1062-8606	C
American Journal of Psychology	0002-9556	C
Anatolia: An International Journal of Tourism and Hospitality Research	1303-2917	C
Annals of Economics and Finance	1529-7373	C
Annals of Finance	1614-2446	C
Annals of Public and Cooperative Economics	0770-8548	C
Annual Review of Information Science and Technology	0066-4200	C
Annual Review of Resource Economics	1941-1340	C
Antitrust Bulletin	0003-603X	C
Applied Cognitive Psychology	0888-4080	C
Applied Economic Perspectives and Policy (formerly «Review of Agricultural Economics»)	2040-5790	C
Applied Economics Letters	1350-4851	C
Applied Ergonomics	0003-6870	C
Applied Psychology - Health and Well Being	1758-0846	C
Applied Psychology Measurement	0146-6216	C
Asia Pacific Business Review	1360-2381	C
Asia Pacific Journal of Human Resources	1038-4111	C
Asia Pacific Journal of Tourism Research	1094-1665	C
Asian Economic Journal	1351-3958	C
Asian Economic Papers	1535-3516	C
Asian Review of Accounting	1321-7348	C
Asia-Pacific Financial Markets	1387-2834	C
Asia-Pacific Journal of Accounting and Economics	1608-1625	C
Asia-Pacific Journal of Operational Research	0217-5959	C
ASTIN Bulletin: Journal of International Actuarial Association	0515-0361	C
ATA Journal of Legal Tax Research	1543-866X	C
Atlantic Economic Journal	0197-4254	C
Australasian Accounting, Business and Finance Journal	1834-2000	C
Australasian Journal of Information Systems	1449-8618	C

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Australasian Marketing Journal	1441-3582	C
Australian Accounting Review	1035-6908	C
Australian Bulletin of Labour	0311-6336	C
Australian Economic History Review	0004-8992	C
Australian Economic Papers	0004-900X	C
Australian Economic Review	0004-9018	C
Australian Journal of Agricultural and Resource Economics	1364-985X	C
Australian Journal of Labour Economics	1328-1143	C
Australian Journal of Psychology	0004-9530	C
B.E. Journal of Economic Analysis and Policy	1935-1682	C
B.E. Journal of Macroeconomics	1935-1690	C
B.E. Journal of Theoretical Economics	1935-1704	C
Baltic Journal of Management	1746-5265	C
Bancaria The Journal of the Italian Banking Association	0005-4623	C
Bankers, Markets & Investors (ex-Banque & Marchés)	2101-9304	C
Bankhistorisches Archiv	0341-6208	C
Basic and Applied Social Psychology	0197-3533	C
Behavior and Information Technology	0144-929X	C
Benchmarking: An International Journal	1463-5771	C
BMC Health Services Research	1472-6963	C
British Actuarial Journal	1357-3217	C
British Food Journal	0007-070X	C
British Journal of Educational Technology	0007-1013	C
British Journal of Guidance and Counselling	0306-9885	C
Building Research and Information	0961-3218	C
Bulletin Français d'Actuariat	1779-7160	C
Bulletin of Economic Research	0307-3378	C
Bulletin of Indonesian Economic Studies	0007-4918	C
Bulletin of the World Health Organization	0042-9686	C
Business and Professional Ethics	0277-2027	C
Business Economics	0007-666X	C
Business Horizons	0007-6813	C
Business Process Management Journal	1463-7154	C
Business Strategy Review	0955-6419	C
Business, Peace and Sustainable Development	2051-8757	C
Cahiers Scientifiques du Transport	1150-8809	C
Canadian Journal of Administrative Sciences	0825-0383	C
Canadian Journal of Agricultural Economics	0008-3976	C
Canadian Journal of Behavioral Science-Revue Comedienne des Scie	0008-400X	C
Canadian Psychology-Psychologie Canadienne	0708-5591	C
Capital and Class	0309-8168	C
Career Development International	1362-0436	C
Career Development Quarterly	0889-4019	C
Central European Journal of Operations Research	1435-246X	C
CESifo Economic Studies	1610-241X	C
China Finance Review International	2044-1398	C
China Quarterly	0305-7410	C
Climate Policy	1469-3062	C
Clometrica: Journal of Historical Economics and Econometric History	1863-2505	C
Cognition Technology and Work	1435-5558	C
Communications of the Association for Information Systems	1529-3181	C
Communications of the ICISA	1533-2454	C
Community, Work and Family	1366-8803	C

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Comparative Economic Studies	0888-7233	C
Competition and Change	1024-5294	C
Computational Economics	0927-7099	C
Computational Management Science	1619-697X	C
Computational Statistics	0943-4062	C
Computer Journal	0010-4620	C
Computer Supported Cooperative Work	0925-9724	C
Concurrent Engineering: Research and Applications	1063-293X	C
Constitutional Political Economy	1043-4062	C
Construction Management and Economics	0144-6193	C
Consumption, Markets and Culture	1025-3866	C
Contemporary Economic Policy	1074-3529	C
Contributions to Political Economy	0277-5921	C
Cornell Hospitality Quarterly	1938-9655	C
Corporate Communications: An International Journal	1356-3289	C
Corporate Governance: The International Journal of Business in Society	1472-0701	C
Corporate Social Responsibility and Environmental Management	1535-3958	C
Creativity and Innovation Management	0963-1690	C
Creativity Research Journal	1040-0419	C
Credit and Capital Markets (Kredit und Kapital)	0023-4591	C
Critical Finance Review	2164-5760	C
Critical Perspectives on International Business	1742-2043	C
Critical Social Policy	0261-0183	C
Cross Cultural Management: An International Journal	1352-7606	C
Culture and Organization	1475-9551	C
Current Issues in Auditing	1936-1270	C
Current Issues in Tourism	1368-3500	C
Current Psychology	1046-1310	C
Current Sociology	0011-3921	C
Cybernetics and Systems	0196-9722	C
Database	0095-0033	C
Database for Advances in Information Systems	1532-0936	C
De Economist	0013-063X	C
Decision Analysis	1545-8490	C
Decision Sciences Journal of Innovative Education	1540-4595	C
Decisions in Economics and Finance	1593-8883	C
Décisions Marketing	0779-7389	C
Defense and Peace Economics	1024-2694	C
Disability and Rehabilitation	0963-8288	C
Discrete Applied Mathematics	0166-218X	C
Discrete Optimization	1572-5286	C
Eastern Economic Journal	0094-5056	C
Eastern European Economics	0012-8775	C
Econometrics (MDPI)	2225-1146	C
Economic and Social Review	0012-9984	C
Economic Change and Restructuring (formerly «Economics of Planning»)	1573-9414	C
Economic Development Quarterly	0891-2424	C
Economic Issues	1363-7029	C
Economic Notes	0391-5026	C
Economic Record	0013-0249	C
Economic Systems	0939-3625	C

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Economic Systems Research	0953-5314	C
Economic Theory Bulletin	2196-1085	C
Economics and Business Letters	2254-4380	C
Economics and Finance Research	2164-9480	C
Economics and Human Biology	1570-677X	C
Economics and Politics	0954-1985	C
Economics of Governance	1435-6104	C
Economics of Transportation	2212-0122	C
Economies (MDPI)	2227-7099	C
Économies et Sociétés série «Histoire de la Pensée Économique»	0013-0567	C
Education and Training	0040-0912	C
Education Economics	0964-5292	C
Educational Management Administration and Leadership	1741-1432	C
Ekonomia	1025-5508	C
Electronic Journal of Information Systems Evaluation	1566-6379	C
Electronic Markets	1019-6781	C
Emergence: Journal in Complexity Management	1521-3250	C
Emerging Markets Review	1566-0141	C
Empirica	0340-8744	C
Empirical Economics	0377-7332	C
Employee Relations	0142-5455	C
Engineering Optimization	0305-215X	C
Engineering, Construction and Architectural Management	0969-9988	C
Entreprises et Histoire	1161-2770	C
Environment and Development Economics	1355-770X	C
Environmental Economics and Policy Studies	1432-847X	C
Environmental Management	0364-152X	C
Environmental Modelling and Assessment	1420-2026	C
Ephemera: Critical Dialogues on Organization	1473-2866	C
Equality, Diversity and Inclusion: an International Journal	2040-7149	C
e-Service Journal	1528-8234	C
Ethics and Information Technology	1388-1957	C
Eurasian Geography and Economics	1538-7216	C
European Business Journal	0955-808X	C
European Business Review	0955-534X	C
European Journal of Economics and Economic Policy: Intervention (formerly «European Journal of Economics and Economic Policy»)	2052-7764	C
European Journal of Innovation Management	1460-1060	C
European Journal of International Management	1751-6757	C
European Journal of Public Health	1101-1262	C
European Journal of Purchasing and Supply Management	0969-7012	C
European Journal of Training and Development	2046-9012	C
European Planning Studies	0965-4313	C
European Psychologist	1016-9040	C
European Review of Applied Psychology-Revue Européenne de Psychologie Appliquée	1162-9088	C
European Work and Organizational Psychology in practice	1464-0643	C
Europe-Asia Studies	0966-8136	C
Evaluation	1356-3890	C
Event Management	1525-9951	C
Evidence and Policy	1744-2648	C
Evidence-based HRM: A Global Forum for Empirical Scholarship	2049-3983	C



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Expert Systems: the Journal of Knowledge Engineering	0266-4720	C
Facilities	0263-2772	C
Feminist Economics	1354-5701	C
Finance Contrôle Stratégie	1287-1141	C
Finance Research Letters	1544-6123	C
Financial History Review	0968-5650	C
FinanzArchiv	0015-2218	C
Fiscal Studies	0143-5671	C
FIU Hospitality Review	0739-7011	C
Flexible Services and Manufacturing Journal (formerly 0920-6299 «International Journal of Flexible Manufacturing Systems»)	1936-6582	C
Foresight	1463-6689	C
Forum for Health Economics and Policy	2194-6191	C
Forum for Social Economics	0736-0932	C
Foundations and Trends in Econometrics	1551-3076	C
Foundations and Trends in Finance	1567-2395	C
Foundations and Trends in Technology, Information and Operations Management	1571-9545	C
Futures	0016-3287	C
Games (MDPI)	2073-4336	C
Gender in Management: An International Journal	0964-9425	C
Geneva Papers on Risk and Insurance: Issues and Practice	1018-5895	C
Gérer et Comprendre	0295-4397	C
German Economic Review	1465-6485	C
Global Business and Economics Review	1097-4954	C
Global Economy Journal	1524-5861	C
Global Finance Journal	1044-0283	C
Group Dynamics: Theory, Research and Practice	1089-2699	C
Group Processes and Intergroup Relations	1368-4302	C
Growth and Change	0017-4815	C
Health Care Management Review	0361-6274	C
Health Information and Libraries Journal	1471-1834	C
Health Marketing Quarterly	0735-9683	C
Health Policy and Planning	0268-1080	C
Health Services Management Research	0951-4848	C
Health Systems	2047-6965	C
Higher Education	0018-1560	C
Higher Education Policy	0952-8733	C
Higher Education Quarterly	0951-5224	C
Histoire Économique Quantitative (E&S, série AF)	0013-0567	C
Historical Studies in Industrial Relations	1362-1572	C
Hospitality and Society	2042-7913	C
Human Factors and Ergonomics in Manufacturing and Services Industries	1090-8471	C
Human Organization	0018-7259	C
Human Resource Development International	1367-8868	C
Human Resource Development Quarterly	1044-8004	C
Human Resource Development Review	1534-4843	C
Human Systems Management	0167-2533	C
Human-Computer Interaction	0737-0024	C
IMA Journal of Management Mathematics	1471-678X	C
Industrial and Organizational Psychology-Perspectives on Science and Practice	1754-9426	C
Industrial Management and Data Systems	0263-5577	C

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Industry and Higher Education	0950-4222	C
INFOR: Information Systems and Operational Research	0315-5986	C
Information Research	1368-1613	C
Information Resources Management Journal	1040-1628	C
Information Systems and e-business Management	1617-9846	C
Information Systems Management	1058-0530	C
Information Technology for Development	0268-1102	C
Information, Communication and Society	1369-118X	C
INFORMS Transactions on Education	1532-0545	C
Innovation: Management, Policy and Practice	1447-9338	C
Innovations : Revue d'Economie et de Management de l'Innovation / Journal of Innovation Economics and Management	1267-4982	C
Innovations in Education and Teaching International	1470-3297	C
Intelligent Systems in Accounting, Finance and Management	1055-615X	C
Interacting with Computers	0953-5438	C
Interdisciplinary Journal of Economics and Business Law	2047-8747	C
Intereconomics	0020-5346	C
International Advances in Economic Research	1083-0898	C
International Archives of Occupational and Environmental Health	0340-0131	C
International Economic Journal	1016-8737	C
International Entrepreneurship and Management Journal	1554-7191	C
International Game Theory Review	0219-1989	C
International Journal for Educational and Vocational Change	0251-2513	C
International Journal of Accounting & Information Management	1834-7649	C
International Journal of Accounting Auditing and Performance Evaluation (IJAPE)	1740-8008	C
International Journal of Accounting Information Systems	1467-0895	C
International Journal of Advertising	0265-0487	C
International Journal of Agile Systems and Management	1741-9174	C
International Journal of Arts Management	1480-8986	C
International Journal of Auditing	1090-6738	C
International Journal of Aviation Psychology	1050-8414	C
International Journal of Bank Marketing	0265-2323	C
International Journal of Banking, Accounting and Finance	1755-3830	C
International Journal of Business Governance and Ethics	1741-802X	C
International Journal of Business Performance Management	1368-4892	C
International Journal of Cases on Electronic Commerce	1548-0615	C
International Journal of Central Banking	1815-4654	C
International Journal of Comparative Labour Law and Industrial Relations	0952-617x	C
International Journal of Computational Economics and Econometrics	1757-1189	C
International Journal of Computer Integrated Manufacturing	0951-192X	C
International Journal of Construction Management	1562-3599	C
International Journal of Consumer Studies	1470-6423	C
International Journal of Critical Accounting	1757-9856	C
International Journal of Cross Cultural Management	1470-5958	C
International Journal of Culture, Tourism and Hospitality Research	1750-6182	C
International Journal of Disclosure and Governance	1741-3591	C
International Journal of Ecological Economics and Statistics	0973-1385	C
International Journal of Economic Theory	1742-7355	C
International Journal of Educational Management	0951-354X	C
International Journal of Employment Studies	1039-6993	C
International Journal of Engineering Business Management	1847-9790	C

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International Journal of Enterprise Network Management	1748-1252	C
International Journal of Entrepreneurial Behavior and Research	1355-2554	C
International Journal of Entrepreneurship and Innovation	1465-7503	C
International Journal of Entrepreneurship and Innovation Management (IJEIM)	1368-275X	C
International Journal of Entrepreneurship and Small Business	1476-1297	C
International Journal of Event and Festival Management	1758-2954	C
International Journal of Foresight and Innovation Policy	1740-2816	C
International Journal of General Systems	0308-1079	C
International Journal of Green Energy	1543-5075	C
International Journal of Happiness and Development	2049-2790	C
International Journal of Health Care Finance and Economics	1389-6563	C
International Journal of Health Care Quality Assurance	0952-6862	C
International Journal of Health Economics and Management	2199-9023	C
International Journal of Health Planning and Management	0749-6753	C
International Journal of Healthcare Technology and Management	1368-2156	C
International Journal of Heritage Studies	1352-7258	C
International Journal of Hospitality and Tourism Administration	1525-6480	C
International Journal of Indian Culture and Business Management	1753-0896	C
International Journal of Industrial and Systems Engineering	1748-5037	C
International Journal of Industrial Engineering and Management	2217-2661	C
International Journal of Industrial Ergonomics	0169-8141	C
International Journal of Information Technology and Management	1461-4111	C
International Journal of Innovation and Technology Management	0219-8770	C
International Journal of Innovation Management	1363-9196	C
International Journal of Intercultural Relations	0147-1767	C
International Journal of Internet Manufacturing and Services	1751-6048	C
International Journal of Internet Marketing and Advertising	1477-5212	C
International Journal of Islamic and Middle Eastern Finance and Management	1753-8394	C
International Journal of Knowledge, Culture and Change Management	1447-9524	C
International Journal of Logistics Management	0957-4093	C
International Journal of Logistics: Research and Applications	1367-5567	C
International Journal of Management and Decision Making	1462-4621	C
International Journal of Management Education (IJME)	1472-8117	C
International Journal of Managerial Finance	1743-9132	C
International Journal of Managing Projects in Business	1753-8378	C
International Journal of Manpower	0143-7720	C
International Journal of Manufacturing Technology and Management	1368-2148	C
International Journal of Market Research	1470-7853	C
International Journal of Nonprofit and Voluntary Sector Marketing	1479-103X	C
International Journal of Occupational and Environmental Health	1077-3525	C
International Journal of Occupational Safety and Ergonomics	1080-3548	C
International Journal of Operational Research	1745-7645	C
International Journal of Operations and Quantitative Management	1082-1910	C
International Journal of Political Economy	0891-1916	C
International Journal of Productivity and Performance Management	1741-0401	C
International Journal of Project Management	0263-7863	C
International Journal of Psychology	0020-7594	C
International Journal of Public Administration	0190-0692	C
International Journal of Public Sector Management	0951-3558	C
International Journal of Quality & Reliability Management	0265-671X	C
International Journal of Quality and Service Sciences	1756-669X	C
International Journal of Retail and Distribution Management	0959-0552	C

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International Journal of Services and Operations Management	1744-2370	C
International Journal of Services Operations and Informatics	1741-539X	C
International Journal of Shipping and Transport Logistics	1756-6517	C
International Journal of Social Economics	0306-8293	C
International Journal of Sociology and Social Policy	0144-333X	C
International Journal of Sociology of Law	0194-6595	C
International Journal of Sport and Society	2152-7857	C
International Journal of Sport Finance	1558-6235	C
International Journal of Sport Management	1546-234X	C
International Journal of Sport Management and Marketing	1475-8962	C
International Journal of Sport Policy and Politics	1940-6940	C
International Journal of Sports Marketing and Sponsorship	1464-6668	C
International Journal of Stress Management	1072-5245	C
International Journal of Technology and Globalization	1741-8194	C
International Journal of Technology and Human Interaction	1548-3908	C
International Journal of Technology Intelligence and Planning	1740-2832	C
International Journal of Technology Management	0267-5730	C
International Journal of Technology Management and Sustainable Development	1474-2748	C
International Journal of Technology Policy and Management	1468-4322	C
International Journal of Technology Transfer and Commercialisation	1741-5284	C
International Journal of the Economics of Business	1357-1516	C
International Journal of Theoretical and Applied Finance	0219-0249	C
International Journal of Tourism Research	1099-2340	C
International Journal of Training and Development	1468-2419	C
International Journal of Transport Economics	0303-5247	C
International Journal of Urban and Regional Research	0309-1317	C
International Journal of Value Chain Management	1741-5357	C
International Labour Review	0020-7780	C
International Negotiation: A Journal of Theory and Practice	1382-340X	C
International Public Management Journal	1096-7494	C
International Regional Science Review	0160-0176	C
International Review of Applied Economics	0269-2171	C
International Review of Economics and Finance	1059-0560	C
International Review of Environmental and Resource Economics	1931-1465	C
International Review of Public Administration	1229-4659	C
International Review of Public and Non-profit marketing	1865-1984	C
International Review of Retail, Distribution and Consumer Research	0959-3969	C
International Sociology	0268-5809	C
International Studies of Management & Organization	0020-8825	C
International Technology Management Review	2213-7149	C
International Transactions in Operational Research	0969-6016	C
Internet Research: Electronic Networking Applications and Policy	1066-2243	C
Irish Economic and Social History	0332-4893	C
Irish Journal of Management	1649-248X	C
Issues in Accounting Education	0739-3172	C
IZA Journal of European Labor Studies	2193-9012	C
IZA Journal of Labor & Development	2193-9020	C
IZA Journal of Labor Economics	2193-8997	C
IZA Journal of Labor Policy	2193-9004	C
IZA Journal of Migration	2193-9039	C
Jahrbücher für Nationalökonomie und Statistik	0021-4027	C



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Japan and the World Economy	0922-1425	C
Japanese Economic Review	1352-4739	C
Japanese Political Economy (formerly «Japanese Economy»)	2329-194X	C
Japanese Psychological Research	0021-5368	C
Journal d'Économie Médicale	0294-0736	C
Journal Financial Economic Policy	1757-6385	C
Journal for Labour Market Research	1614-3485	C
Journal of Accounting and Management Information Systems	1583-4387	C
Journal of Accounting and Organizational Change	1832-5912	C
Journal of Accounting and Taxation	2141-6664	C
Journal of Accounting Education	0748-5751	C
Journal of Accounting in Emerging Economies	2042-1168	C
Journal of Advertising Education	1098-0482	C
Journal of Agrarian Change	1471-0358	C
Journal of Agricultural & Food Industrial Organization	1542-0485	C
Journal of Agricultural and Applied Economics	1074-0708	C
Journal of Agricultural and Resource Economics	1068-5502	C
Journal of Air Transport Management	0969-6997	C
Journal of Alternative Investments	1520-3255	C
Journal of Applied Accounting Research	0967-5426	C
Journal of Applied Behavioral Science	0021-8863	C
Journal of Applied Economics	1514-0326	C
Journal of Applied Probability	0021-9002	C
Journal of Applied Social Psychology	0021-9029	C
Journal of Applied Statistics	0266-4763	C
Journal of Asian Economics	1049-0078	C
Journal of Asset Management (+ Journal of Derivatives and Hedge Funds)	1470-8272	C
Journal of Banking Regulation	1745-6452	C
Journal of Behavioral and Experimental Economics / Journal of Socio-Economics	2214-8043	C
Journal of Behavioral and Experimental Finance	2214-6350	C
Journal of Bioeconomics	1387-6996	C
Journal of Business and Industrial Marketing	0885-8624	C
Journal of Business and Psychology	0889-3268	C
Journal of Business Ethics Education	1649-5195	C
Journal of Business Law	0021-9460	C
Journal of Business Strategy	0275-6668	C
Journal of Career Assessment	1069-0727	C
Journal of Career Development	0894-8453	C
Journal of Change Management	1469-7017	C
Journal of China Tourism Research	1938-8160	C
Journal of Chinese Economic and Business Studies	1476-5284	C
Journal of Combinatorial Optimization	1382-6905	C
Journal of Community Psychology	0090-4392	C
Journal of Competition Law and Economics	1744-6422	C
Journal of Computational Finance	1460-1559	C
Journal of Computer Information Systems	0887-4417	C
Journal of Construction Engineering and Management	0733-9364	C
Journal Of Constructivist Psychology	1072-0537	C
Journal of Consumer Behavior	1472-0817	C
Journal of Consumer Marketing	0736-3761	C
Journal of Consumer Policy	0168-7034	C

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Journal of Contemporary Accounting and Economics	1815-5669	C
Journal of Convention and Event Tourism	1547-0148	C
Journal of Corporate Citizenship	1470-5001	C
Journal of Credit Risk	1744-6619	C
Journal of Cultural Economy	1753-0350	C
Journal of Customer Behavior	1477-6421	C
Journal of Decision Systems	1246-0125	C
Journal of Developing Areas	0022-037X	C
Journal of East European Management Studies	0949-6181	C
Journal of East-West Business	1066-9868	C
Journal of Econometric Methods	2156-6674	C
Journal of Economic Education	0022-0485	C
Journal of Economic Inequality	1569-1721	C
Journal of Economic Integration	1225-651X	C
Journal of Economic Interaction and Coordination	1860-711X	C
Journal of Economic Issues	0021-3624	C
Journal of Economic Studies	0144-3585	C
Journal of Economics (Zeitschrift für Nationalökonomie)	0931-8658	C
Journal of Economics and Business	0148-6195	C
Journal of Ecotourism	1472-4049	C
Journal of Education and Work	1363-9080	C
Journal of Education Policy	0268-0939	C
Journal of Electronic Commerce in Organizations	1539-2937	C
Journal of Electronic Commerce Research	1526-6133	C
Journal of Emerging Market Finance	0972-6527	C
Journal of Emerging Technologies in Accounting	1554-1908	C
Journal of Employment Counseling	0022-0787	C
Journal of Energy Markets	1756-3607	C
Journal of Enterprise Information Management	1741-0398	C
Journal of Enterprising Culture	0218-4958	C
Journal of Entrepreneurship	0971-3557	C
Journal of European Economic History	0391-5115	C
Journal of Family Business Strategy	1877-8585	C
Journal of Family Economic Issues	1058-0476	C
Journal of Fashion Marketing and Management	1361-2026	C
Journal of Finance and Management in Public Services	1475-1283	C
Journal of Financial Management, Markets and Institutions	2282-717X	C
Journal of Financial Market Infrastructures	2049-5404	C
Journal of Financial Regulation and Compliance	1358-1988	C
Journal of Financial Services Marketing	1363-0539	C
Journal of Foodservice Business Research	1537-8020	C
Journal of Forecasting	0277-6693	C
Journal of Forensic and Investigative Accounting	2165-3755	C
Journal of Forensic Studies in Accounting and Business	1942-9053	C
Journal of Forest Economics	1104-6899	C
Journal of Further and Higher Education	0309-877X	C
Journal of Gambling Business and Economics	1751-8008	C
Journal of General Management	0306-3070	C
Journal of Global Information Technology Management (JGITM)	1097-198X	C
Journal of Global Marketing	0891-1762	C
Journal of Globalization and Development	1948-1837	C

Journal Name	ISSN	HEC Rank
Journal of Governmental & Nonprofit Accounting	2155-3815	C
Journal of Happiness Studies	1389-4978	C
Journal of Health Politics, Policy and Law	0361-6878	C
Journal of Health Services Research and Policy	1355-8196	C
Journal of Health, Organisation and Management	1477-7266	C
Journal of High Technology Management Research	1047-8310	C
Journal of Higher Education	0022-1546	C
Journal of Higher Education Policy and Management	1360-080X	C
Journal of Historical Research in Marketing	1755-750X	C
Journal of Hospitality and Tourism Education	1096-3758	C
Journal of Hospitality and Tourism Management	1447-6770	C
Journal of Hospitality and Tourism Research	1096-3480	C
Journal of Hospitality Marketing and Management	1936-8623	C
Journal of Hospitality, Leisure, Sport and Tourism Education	1473-8376	C
Journal of Human Capital	1932-8575	C
Journal of Human Resources in Hospitality and Tourism	1533-2845	C
Journal of Income Distribution	0926-6437	C
Journal of Industrial and Business Economics - Economia e Politica Industriale	0391-2078	C
Journal of Industrial and Management Optimization	1547-5816	C
Journal of Industrial Ecology	1088-1980	C
Journal of Industrial Relations	0022-1856	C
Journal of Industry, Competition and Trade	1566-1679	C
Journal of Information Science	0165-5515	C
Journal of Information Systems	0888-7985	C
Journal of Information Systems Education	1055-3096	C
Journal of Information Technology - Teaching Cases	2043-8869	C
Journal of Information Technology Management	1042-1319	C
Journal of Information Technology Theory and Applications	1532-4516	C
Journal of Information, Information Technology, and Organizations	1557-1327	C
Journal of Intellectual Capital	1469-1930	C
Journal of Interdisciplinary Economics	0260-1079	C
Journal of International Development	0954-1748	C
Journal of International Entrepreneurship	1570-7385	C
Journal of International Financial Management and Accounting	0954-1314	C
Journal of International Trade and Economic Development	0963-8199	C
Journal of Investment Strategies	2047-1246	C
Journal of Islamic Accounting and Business Research	1759-0817	C
Journal of Islamic Economics, Banking and Finance	2070-4658	C
Journal of Knowledge Management	1367-3270	C
Journal of Labour Research	0195-3613	C
Journal of Language And Social Psychology	0261-927X	C
Journal of Latin American Studies	0022-216X	C
Journal of Law and Society	0263-323X	C
Journal of Macromarketing	0276-1467	C
Journal of Management & Governance	1385-3457	C
Journal of Management Development	0262-1711	C
Journal of Management Education	1052-5629	C
Journal of Management History	1751-1348	C
Journal of Management in Engineering	0742-597X	C
Journal of Management, Spirituality & Religion	1476-6086	C
Journal of Manufacturing and Operations Management	0890-2577	C

Journal Name	ISSN	HEC Rank
Journal of Manufacturing Systems	0278-6125	C
Journal of Manufacturing Technology Management (formerly «Integrated Manufacturing Systems»)	1741-038X	C
Journal of marketing channels	1046-669x	C
Journal of Marketing Communications	1352-7266	C
Journal of Marketing Education	0273-4753	C
Journal of Marketing for Higher Education	0884-1241	C
Journal of Marketing Management	0267-257X	C
Journal of Marketing Theory and Practice	1069-6679	C
Journal of Mathematical Psychology	0022-2496	C
Journal of Media Economics	0899-7764	C
Journal of Multi-Criteria Decision Analysis	1057-9214	C
Journal of Multinational Financial Management	1042-444X	C
Journal of Nonparametric Statistics	1048-5252	C
Journal of Non-Profit and Public Sector Marketing	1049-5142	C
Journal of Nonverbal Behavior	0191-5886	C
Journal of Occupational and Environmental Medicine	1076-2752	C
Journal of Occupational Rehabilitation	1053-0487	C
Journal of Operational Risk	1744-6740	C
Journal of Organizational and End User Computing	1546-2234	C
Journal of Organizational Behavior Education	1649-7627	C
Journal of Organizational Behavior Management	0160-8061	C
Journal of Organizational Computing and Electronic Commerce	1091-9392	C
Journal of Pacific Rim Psychology	1834-4909	C
Journal of Pension Economics and Finance	1474-7472	C
Journal of Personal Selling and Sales Management	0885-3134	C
Journal of Policy Modelling	0161-8938	C
Journal of Policy Research in Tourism, Leisure and Events	1940-7963	C
Journal of Positive Psychology	1743-9760	C
Journal of Prediction Markets	1750-676X	C
Journal of Product and Brand Management	1061-0421	C
Journal of Productivity Analysis	0895-562X	C
Journal of Psychology	0022-3980	C
Journal of Public Budgeting, Accounting and Financial Management	1096-3367	C
Journal of Quality Assurance in Hospitality and Tourism	1528-008X	C
Journal of Quality in Maintenance Engineering	1355-2511	C
Journal of Rehabilitation	0022-4154	C
Journal of Rehabilitation Research and Development	0748-7711	C
Journal of Relationship Marketing	1533-2667	C
Journal of Revenue and Pricing Management	1476-6930	C
Journal of Risk Finance	1526-5943	C
Journal of Risk Model Validation	1753-9579	C
Journal of Risk Research	1366-9877	C
Journal of Safety Research	0022-4375	C
Journal of Service Management (formerly IJSIM International Journal of Service Industry Management)	1757-5818	C
Journal of Service Theory and Practice	2055-6225	C
Journal of Services Marketing	0887-6045	C
Journal of Simulation	1747-7778	C
Journal of Small Business and Enterprise Development	1462-6004	C
Journal of Small Business and Entrepreneurship	0827-6331	C
Journal of Social Psychology	0022-4545	C

Journal Name	ISSN	HEC Rank
Journal of Sport and Tourism	1477-5085	C
Journal of Sport Management	0888-4773	C
Journal of Sports Economics	1527-0025	C
Journal of Statistical Planning and Inference	0378-3758	C
Journal of Strategic Marketing	0965-254X	C
Journal of Systems and Software	0164-1212	C
Journal of Textile Institute	0040-5000	C
Journal of the Asia-Pacific Economy	1354-7860	C
Journal of Theoretical and Applied Electronic Commerce Research	0718-1876	C
Journal of Time Series Econometrics	1941-1928	C
Journal of Transnational Management	1547-5778	C
Journal of Transport Economics and Policy	0022-5258	C
Journal of Transport History	0022-5266	C
Journal of Travel and Tourism Marketing	1054-8408	C
Journal of Travel and Tourism Research	1302-8545	C
Journal of Trust Research	2151-5581	C
Journal of Vacation Marketing	1356-7667	C
Journal of Vocational Education and Training	1363-6820	C
Journal of Workplace Learning	1366-5626	C
Journal of World Trade	1011-6702	C
Knowledge and Process Management	1092-4604	C
Knowledge Management Research and Practice	1477-8238	C
Kybernetes	0368-492X	C
Labor History	0023-656X	C
Labor Studies Journal	0160-449X	C
Labour & Industry: a journal of the social and economic relations of work	1030-1763	C
Labour: Review of Labour Economics and Industrial Relations	1121-7081	C
Leadership	1742-7150	C
Leadership and Organizational Development	0143-7739	C
Learning Organization	0969-6474	C
Leisure Sciences	0149-0400	C
Leisure Studies	0261-4367	C
Local Economy	0269-0942	C
Local Government Studies	0300-3930	C
Logistics Information Management	0957-6053	C
Man and the Economy	2196-9647	C
Management & Avenir	1768-5958	C
Management Accounting Quarterly	1528-5359	C
Management and Organizational History	1744-9359	C
Management Decision	0025-1747	C
Management International	1206-1697	C
Management Research Review	2040-8269	C
Managerial and Decision Economics	0143-6570	C
Managerial Auditing Journal	0268-6902	C
Managerial Finance	0307-4358	C
Managing Leisure: An International Journal	1360-6719	C
Manchester School	1463-6786	C
Marine Policy	0308-597X	C
Marine Resource Economics	0738-1360	C
Marketing Education Review	1052-8008	C
Marketing Intelligence and Planning	0263-4503	C



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Mathematical Economics Letters	2195-4623	C
Mathematical Methods of Operations Research (formerly Zeitschrift für Operations Research)	1432-2994	C
Measuring Business Excellence	1368-3047	C
Medical Care Research and Review	1077-5587	C
Meditari Accountancy Research	2049-372X?	C
Metroeconomica	0026-1386	C
Military Psychology	0899-5605	C
Mineral Economics	2191-2203	C
MIS Quarterly Executive (MISQ-E)	1540-1960	C
Multinational Business Review	1525-383X	C
Multinational Finance Journal	1096-1879	C
Museum Management and Curatorship	0964-7775	C
National Institute Economic Review	0027-9501	C
Natural Resources Journal	0028-0739	C
Negotiation Journal	0748-4526	C
Netnomics	1385-9587	C
Networks and Spatial Economics	1566-113X	C
New Zealand Economic Papers	0077-9954	C
Non-Profit Management and Leadership	1048-6682	C
Nordic Psychology	1901-2276	C
North American Actuarial Journal	1092-0277	C
North American Journal of Economics and Finance	1062-9408	C
Occupational Medicine	0962-7480	C
Online Journal of Applied Knowledge Management	2325-4688	C
Open Economies Review	0923-7992	C
Operational Research: An International Journal	1109-2858	C
Operations Management Education Review	1649-7082	C
Operations Management Research: Advancing Practice through Theory	1936-9735	C
Opsearch: Journal of the OR Society of India	0030-3887	C
Optimization: A Journal of Mathematical Programming and Operations Research	0233-1934	C
Organizational Psychology Review	2041-3866	C
Oxford Development Studies	1360-0818	C
Oxford Review of Economic Policy	0266-903X	C
Pacific Accounting Review	0114-0582	C
Pacific Asia Journal of the Association for Information Systems	1943-7544	C
Pacific Economic Review	1361-374X	C
Pacific Journal of Optimization	1348-9151	C
Papers in Regional Science	1056-8190	C
Parliamentary Affairs	0031-2290	C
Peace Economics, Peace Science and Public Policy	1079-2457	C
Pesquisa Operacional	0101-7438	C
Physica A: Statistical Mechanics and Its Applications	0378-4371	C
Policing: An International Journal of Police Strategies and Management	1363-951X	C
Policy Studies	0144-2872	C
Political Quarterly	0032-3179	C
Political Studies	0032-3217	C
Politics, Philosophy & Economics	1470-594X	C
Politiques et Management Public	0758-1726	C
Population	0032-4663	C
Population and Development Review	0098-7921	C
Portuguese Economic Journal	1617-982X	C

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Proceedings of Institute of Mechanical Engineers Part B: Journal of Engineering Manufacture	0954-4054	C
Production and Inventory Management Journal	0897-8336	C
Project Management Journal	8756-9728	C
Prometheus	0810-9028	C
Psicothema	0214-9915	C
Psihologija	0048-5705	C
Psychological Reports	0033-2941	C
Psychologie du Travail et des Organisations	1420-2530	C
Psychologist	0952-8229	C
Public Administration and Development	0271-2075	C
Public Health	0033-3506	C
Public Money and Management	0954-0962	C
Public Organization Review	1566-7170	C
Public Performance & Management Review	1530-9576	C
Public Policy and Administration	0952-0767	C
Qualitative Market Research: An International Journal	1352-2752	C
Qualitative Research in Accounting and Management	1176-6093	C
Qualitative Research in Financial Markets	1755-4179	C
Qualitative Research in Organizations and Management	1746-5648	C
Quality and Reliability Engineering International	0748-8017	C
Quality Assurance in Education	0968-4883	C
Quality Management Journal	1068-6967	C
Quality of Life Research	0962-9343	C
Quality Progress	0033-524X	C
Quantitative and Qualitative Analysis in Social Sciences	1752-8925	C
Quarterly Journal of Austrian Economics	1098-3708	C
Quarterly Journal of Finance	2010-1392	C
Quarterly Journal of International Agricultural	0049-8599	C
Quarterly Review of Economics and Finance	1062-9769	C
Queuing Systems	0257-0130	C
RAIRO - Operations Research / Recherche Operationnelle	0399-0559	C
Rationality and Society	1043-4631	C
Recherches en Sciences de Gestion (anciennement Revue Sciences de Gestion)	2259-6372	C
Regional and Federal Studies	1359-7566	C
Rehabilitation Counseling Bulletin	0034-3552	C
Rehabilitation Psychology	0090-5550	C
Relations Industrielles/Industrial Relations	0034-379X	C
Requirements Engineering	0947-3602	C
Research Evaluation	0958-2029	C
Research in Accounting Regulation	1052-0457	C
Research in Economics	1090-9443	C
Research in Governmental and Non-Profit Accounting	0884-0741	C
Research in International Business and Finance	0275-5319	C
Research in Occupational Stress and Well-Being	1479-3555	C
Research in Personnel and Human Resources Management	0742-7301	C
Research in Transportation Economics	0739-8859	C
Research on Professional Responsibility and Ethics in Accounting	1574-0765	C
Réseaux	0751-7971	C
Resources Policy	0301-4207	C
Review of Accounting and Finance	1475-7702	C
Review of African Political Economy	0305-6244	C

Journal Name	ISSN	HEC Rank
Review of Agricultural Economics (continued by «Applied Economic Perspectives and Policy»)	1058-7195	C
Review of Austrian Economics	0889-3047	C
Review of Behavioral Economics	2326-6198	C
Review of Behavioral Finance	1940-5979	C
Review of Derivatives Research	1380-6645	C
Review of Development Economics	1363-6669	C
Review of Development Finance	1879-9337	C
Review of Economic Analysis	1973-3909	C
Review of Economic Design	1434-4742	C
Review of Economics of the Household	1569-5239	C
Review of Environmental Economics and Policy	1750-6816	C
Review of Financial Economics	1058-3300	C
Review of Marketing Science	1546-5616	C
Review of Network Economics	1446-9022	C
Review of Political Economy	0953-8259	C
Review of Public Personnel Administration	0734-371X	C
Review of Radical Political Economics	0486-6134	C
Review of Social Economy	0034-6764	C
Revista de Saude Publica	0034-8910	C
Revue de l'Entreprenariat	1630-7542	C
Revue de l'Organisation Responsable	1951-0187	C
Revue d'Économie Financière	1777-5744	C
Revue d'Économie Politique	0373-2630	C
Revue Économique	0035-2764	C
Revue Française d'Administration Publique	0152-7401	C
Revue Française de Gestion	0338-4551	C
Revue Internationale PME	0776-5436	C
Scandinavian Economic History Review	0358-5522	C
Scandinavian Journal of Hospitality and Tourism	1502-2250	C
Scandinavian Journal of Information Systems	0905-0167	C
Scandinavian Journal of Psychology	0036-5564	C
Schmalenbach Business Review	1439-2917	C
Science & Society	0036-8237	C
Science & Technology Studies	2243-4690	C
Science and Public Policy	0302-3427	C
Science, Technology & Human Values	0162-2439	C
Science, Technology and Society	0971-7218	C
Scientometrics	0138-9130	C
Scottish Journal of Political Economy	0036-9292	C
SERIEs (replaces «Spanish Economic Review» ISBN 1435-5469)	1869-4187	C
Service Science	2164-3970	C
Services Marketing Quarterly	1533-2969	C
SIAM Journal on Financial Mathematics	1945-497X	C
Simulation Modeling Practice and Theory	1569-190X	C
Singapore Management Review	0129-5977	C
Small Group Research	1046-4964	C
Social and Environmental Accountability Journal	0969-160X	C
Social Business	2044-4087	C
Social Enterprise Journal	1750-8614	C
Social Justice Research	0885-7466	C
Social Marketing Quarterly	1524-5004	C

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Social Policy and Administration	0144-5596	C
Social Studies of Science	0306-3127	C
Social Work in Public Health	1937-1918	C
Society and Business Review	1746-5680	C
Socio-Économie du Travail (E&S, série AB)	2554-9073	C
Sociologie du Travail	0038-0296	C
South African Journal of Business Management	2078-5585	C
South African Journal of Economics	0038-2280	C
South African Journal of Information Management	1560-683X	C
South African Journal of Labour Relations	0379-8410	C
South African Journal of Psychology	0081-2463	C
South Asia Economic Journal	1391-5614	C
Spanish Accounting Review	1988-4672	C
Spanish Journal of Finance and Accounting	0210-2412	C
Spanish Journal of Psychology	1138-7416	C
Spatial Economic Analysis	1742-1772	C
Sport Management Review	1441-3523	C
Sport Marketing Quarterly	1061-6934	C
Sport, Business and Management: An International Journal	2042-678X	C
Sport, Exercise and Performance Psychology	2157-3905	C
STATA Journal	1536-867X	C
Statistics and Probability Letters	0167-7152	C
Strategic Behavior and the Environment	1944-012X	C
Strategic Change	1086-1718	C
Stress and Health	1532-3005	C
Structural Change and Economic Dynamics	0954-349X	C
Studies in Economics and Finance	1086-7376	C
Studies in Nonlinear Dynamics and Econometrics	1081-1826	C
Supply Chain Forum: an International Journal	1625-8312	C
Sustainability Accounting, Management and Policy Journal	2040-8021	C
Swiss Journal of Economics and Statistics	0303-9692	C
Swiss Journal of Psychology	1421-0185	C
System Dynamics Review	0883-7066	C
Systèmes Agroalimentaires (E&S série AG)	0013-0567	C
Systemic Practice and Action Research	1094-429X	C
Systems Research and Behavioral Science	1092-7026	C
Tamara: Journal of Critical Postmodern Organization Science	1532-5555	C
Teaching in Higher Education	1356-2517	C
Team Performance Management	1352-7592	C
Telecommunications Policy	0308-5961	C
Tertiary Education and Management	1358-3883	C
Testing, Psychometrics, Methodology in Applied Psychology	1972-6325	C
The EDP Audit, Control, and Security Newsletter	0736-6981	C
The Indian Journal of Industrial Relations	0019-5286	C
The Indian Journal of Labour Economics	0019-5308	C
The International Journal of Emerging Markets	1746-8809	C
The International Journal of Technology Assessment in Health	0266-4623	C
The International Trade Journal	0885-3908	C
The Journal of Risk	1465-1211	C
The TQM Journal	1754-2731	C
Third World Quarterly	0143-6597	C

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Thunderbird International Business Review	1096-4762	C
Tijdschrift voor economische en sociale geografie	0040-747X	C
Time and Society	0961-463X	C
TOP- An Official Journal of the Spanish Society of Statistics and Operations Research	1134-5764	C
Tourism Analysis	1083-5423	C
Tourism Culture Communications	1098-304x	C
Tourism Economics	1354-8166	C
Tourism Geographies	1461-6688	C
Tourism Planning and Development	2156-8316	C
Tourism Recreation Research	0250-8281	C
Tourism Review	1660-5373	C
Tourism: An International, Interdisciplinary Journal	1332-7461	C
Tourist Studies	1468-7976	C
Town Planning Review	0041-0020	C
Transfer: European Review of Labour and Research	1024-2589	C
Transport Policy	0967-070X	C
Utilities Policy	0957-1787	C
Value in Health	1098-3015	C
Venture Capital (An International Journal of Entrepreneurial Finance)	1369-1066	C
Visitor Studies	1064-5578	C
Voluntas: International Journal of Voluntary and Non-Profit Organization	0957-8765	C
Work - A Journal of Prevention Assessment and Rehabilitation	1051-9815	C
World Bank Research Observer	0257-3032	C
World Review of Entrepreneurship, Management and Sustainable Development	1756-0573	C
World Tax Journal	1878-4917	C
Zeitschrift fuer Arbeits- Und Organisationspsychologie	0932-4089	C
Zeitschrift für Personalforschung (German Journal of Research in Human Resource Management)	0179-6437	C
Zeitschrift fur Psychologie - Journal of Psychology	2190-8370	C
Zeitschrift für Unternehmensgeschichte	0342-2852	C
Academia Revista Latinoamericana de Administración	1012-8255	C
Accounting, Economics and Law - A Convivium	2152-2820	C
Accounting, Finance & Governance Review (formerly the Irish Accounting Review)	2009-8766	C
Actual Problems of Economics	1993-6788	C
Africa Journal of Management	2332-2373	C
African Journal of Accounting Auditing and Finance (AJAAF)	2046-8083	C
Agrekon	0303-1853	C
Annals of Applied Statistics	1932-6157	C
Annals of Leisure Research	1174-5398	C
Applied Mathematical Finance	1350-486X	C
Asian Business and Management	1472-4782	C
Asian Journal of Technology Innovation	1976-1597	C
Australian Journal of Management	0312-8962	C
Australian Journal of Public Administration	0313-6647	C
Baltic Journal of Economics	1406-099X	C
Business and Politics	1469-3569	C
China & World Economy	1671-2234	C
China Agricultural Economic Review	1756-137X	C
China Economic Journal	1753-8963	C
China Journal of Accounting Research	1755-3091	C



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China Journal of Accounting Studies	2169-7213	C
Cities	0264-2751	C
Cliometrica	1863-2513	C
Cogent Business & Management	2331-1975	C
Cogent Economics & Finance	2332-2039	C
Competitiveness Review	1059-5422	C
Corporate Board: role, duties and composition	1810-8601	C
Cross Cultural & Strategic Management	2059-5794	C
Economic and business review	1580-0466	C
Economics & Sociology	2071-789X	C
Electronic Journal of e-Learning	1479-4403	C
Emerging Markets Finance and Trade	1540-496X	C
Enterprise Information Systems	1751-7575	C
Entrepreneurship Research Journal	2157-5665	C
Essays in Economic and Business History	0896-226X	C
Eurasian Business Review	1309-4297	C
Eurasian Economic Review	2147-429X	C
EuroMed Journal of Business	1450-2194	C
European Journal of Industrial Engineering	1751-5254	C
European Journal of Women's Studies	1350-5068	C
Feminist Review	0141-7789	C
Financial Services Review	1057-0819	C
Geoforum	0016-7185	C
Global Business Review	0972-1509	C
Global Economic Review	1226-508X	C
Health and Social Care in the Community	0966-0410	C
Higher Education, Skills and Work-Based Learning	2042-3896	C
Human Resource Planning	0199-8986	C
IIM Kozhikode Society & Management Review	2321-029X	C
Industrielle Beziehungen. The German Journal of Industrial Relations	0943-2779	C
Info: The journal of policy, regulation and strategy for telecommunications, information and media [Please note that the journal is changing its name from the 2017 volume to 'Digital Policy, Regulation and Governance']	1463-6697	C
Information Management and Computer Security	0968-5227	C
International Journal of Business and Emerging Markets	1753-6227	C
International Journal of Business and Systems Research	1751-2018	C
International Journal of Business Information Systems	1746-0980	C
International Journal of Business Innovation and Research	1751-0260	C
International Journal of Business Process Integration and Management	1741-8771	C
International Journal of Development Issues	1446-8956	C
International Journal of E-Business Research	1548-1131	C
International Journal of Enterprise Information Systems	1548-1115	C
International Journal of Entrepreneurial Venturing	1742-5379	C
International Journal of Gender and Entrepreneurship	1756-6266	C
International Journal of Globalisation and Small Business	1479-3067	C
International Journal of Information Systems and Supply Chain Management	1935-5726	C
International Journal of Information Systems in the Service Sector	1935-5688	C
International Journal of IT/Business Alignment and Governance	1947-9611	C
International Journal of Lean Six Sigma	2040-4166	C
International Journal of Management Concepts and Philosophy	1741-8135	C
International Journal of Management Development	1752-850X	C
International Journal of Management Practice	1741-8143	C

Journal Name	ISSN	HEC Rank
International Journal of Management, Economics and Social Sciences	2304-1366	C
International Journal of Managerial and Financial Accounting	1753-6723	C
International Journal of Organizational Analysis	1934-8835	C
International Journal of Strategic Decision Sciences	1947-8569	C
International Journal of Strategic Property Management	1648-715X	C
International Journal of the Digital Human	2046-3383	C
International Journal of Web Information Systems	1744-0084	C
International Review of Entrepreneurship	1649-2269	C
International Review of Environmental Economics	1932-1473	C
Investment Analysts Journal	1029-3523	C
Iranian Journal of Management Studies	2008-7055	C
Journal for Advancement of Marketing Education	2326-3296	C
Journal for Global Business Advancement (JGBA)	1746-9678	C
Journal for International Business and Entrepreneurship Development	1747-6763	C
Journal of African Business	1522-8916	C
Journal of Asia Business Studies	1558-7894	C
Journal of Asia Pacific Business	1059-9231	C
Journal of Behavioral Finance	1542-7560	C
Journal of Business Economics	1861-8928	C
Journal of Business Economics and Management	1611-1699	C
Journal of Cleaner Production	0959-6526	C
Journal of Communication Management	1363-254X	C
Journal of Database Management	1063-8016	C
Journal of Destination Marketing and Management	2212-571X	C
Journal of Economic Policy Reform	1748-7870	C
Journal of Enterprising Communities: People and Places in the Global Economy	1750-6204	C
Journal of Entrepreneurship in Emerging Economies	2053-4604	C
Journal of European Real Estate Research	1753-9269	C
Journal of Global Mobility: The Home of Expatriate Management Research	2049-8799	C
Journal of Governance and Regulation	2220-9352	C
Journal of Hospitality and Tourism Technology: A Framework for Innovation	1757-9880	C
Journal of Humanitarian Logistics and Supply Chain Management	2042-6747	C
Journal of Informetrics	1751-1577	C
Journal of International Business Education	1649-4946	C
Journal of International Education in Business	2046-469X	C
Journal of Internet Commerce	1533-2861	C
Journal of Islamic Business & Management	2075-6291	C
Journal of Management & Organization	1833-3672	C
Journal of Management Control	2191-4761	C
Journal of Media Business Studies	1652-2354	C
Journal of Modern African Studies	0022-278X	C
Journal of Organizational Effectiveness: People and Performance	2051-6614	C
Journal of Organizational Ethnography	2046-6749	C
Journal of Outdoor Recreation and Tourism	2213-0780	C
Journal of Place Management and Development	1753-8335	C
Journal of Professions and Organization	2051-8803	C
Journal of Property Investment and Finance	1463-578X	C
Journal of Public Procurement	1535-0118	C
Journal of Research in Interactive Marketing	2040-7122	C
Journal of Science and Technology Policy Management	2053-4620	C
Journal of Social Entrepreneurship	1942-0676	C

Journal Name	ISSN	HEC Rank
Journal of Social Marketing	2042-6763	C
Journal of Strategic Contracting and Negotiation	2055-5636	C
Journal of Strategy and Management	1755-425X	C
Journal of Sustainable Finance & Investment	2043-0795	C
Journal of Systems and Information Technology	1328-7265	C
Journal of Tax Administration	2059-190X	C
Journal of Work-Applied Management	1836-5159	C
Latin American Business Review	1097-8526	C
Management of Environmental Quality	1477-7835	C
Management Research, The Journal of the Iberoamerican Academy of Management	1536-5433	C
Management Revue: Socio-economic Studies	1861-9908	C
Nutrition & Food Science	0034-6659	C
Online Information Review	1468-4527	C
Organization Management Journal	1541-6518	C
PASOS Journal of Tourism and Cultural Heritage	1695-7121	C
Policy and Practice in Health and Safety	1477-3996	C
Policy Sciences	0032-2687	C
Property Management	0263-7472	C
Public Administration Quarterly	0734-9149	C
Review of International Business and Strategy	2059-6014	C
Review of Managerial Science	1863-6683	C
Risk Governance and Control: Financial Markets & Institutions	2077-429X	C
Safety and Reliability	0961-7353	C
Scandinavian Actuarial Journal	0346-1238	C
Sex Roles	0360-0025	C
Signs	0097-9740	C
Small Enterprise Research	1321-5906	C
Social networks	0378-8733	C
Socio-Economic Planning Sciences: The International Journal of Public Sector Decision-Making	0038-0121	C
South African Journal of Accounting Research	1029-1954	C
South African Journal of Industrial Psychology	0258-5200	C
South Asian Journal of Human Resource Management	2322-0937	C
Statistical Analysis and Data Mining: The ASA Data Science Journal	1932-1872	C
Strategy & Leadership	1087-8572	C
Studies in Agricultural Economics	1418-2106	C
Symbolic Interaction	1533-8665	C
Symphonya. Emerging Issues in Management	1593-0319	C
The Economic and Labour Relations Review	1035-3046	C
The Economists' Voice	1553-3832	C
The Journal of Applied Management Accounting Research	1443-9905	C
The Journal of Corporate Citizenship	2198-2627	C
The Journal of Entrepreneurship and Public Policy	2045-2101	C
Tourism Management Perspectives	2211-9736	C
Transnational Corporations Review	1918-6444	C
Urban Island Studies	2445-6004	C
Work Organisation Labour Globalisation (WOLG)	1745 641X	C
World Leisure Journal	1607-8055	C
Worldwide Hospitality and Tourism Themes	1755-4217	C
Young Consumers	1747-3616	C
ACM Transactions on Information Systems	1046-8188	C

Journal Name	ISSN	HEC Rank
Communication Research	0093-6502	C
Gedrag en Organisatie	0921-5077	C
IEEE Transactions on Intelligent Transportation Systems	1524-9050	C
IEEE Transactions on Systems, Man, and Cybernetics, Part B: Cybernetics	1083-4419	C
International Journal of Selection and Assessment	0965-075X	C
Journal of Web Engineering	1540-9589	C
Logistics Research	1865-035X	C
Transportation Research Part C: Emerging Technologies	0968-090X	C
World Wide Web: Internet and Web Information Systems	1386-145X	C
African Development Review	1017-6772	D
Agribusiness	0742-4477	D
AMBIO: A Journal of the Human Environment	0044-7447	D
Antitrust Law and Economics Review	0003-6048	D
Antitrust Law Journal	0003-6056	D
Applied Health Economics and Policy	1175-5652	D
Asian Development Review	0116-1105	D
Autrepart	1278-3986	D
Brussels Economic Review / Cahiers Économiques de Bruxelles	0008-0195	D
Business and Economic History	0894-6825	D
Business and Politics	1369-5258	D
Cahiers d'Économie Politique	0154-8344	D
Canadian Journal of Regional Science / Revue canadienne des sciences régionales	0705-4580	D
Cepal Review	0251-2920	D
Climate Change Economics	2010-0078	D
Climatic Change	0165-0009	D
Common Market Law Review	0165-0750	D
Communications & Strategies	1157-8637	D
Concurrences (articles)	1773-9578	D
Développement Durable et Territoires	1772-9971	D
Ecological Modelling	0304-3800	D
Economia Politica	1120-2890	D
Economic History of Developing Regions	2078-0389	D
Economics Bulletin	1545-2921	D
Economics EJournal Articles	1864-6042	D
Économie Appliquée	0013-0494	D
Économie et Institutions	1775-2329	D
Économie et Prévision (articles académiques)	0249-4744	D
Économie et Statistique	0336-1454	D
Économie Internationale / International Economics	1240-8093	D
Économie Publique	1373-8496	D
Économie Rurale	0013-0559	D
Energy Studies Review	0843-4379	D
Energy Systems	1868-3967	D
Environmental Economics	1998-6041	D
Environmental Values	0963-2719	D
European Journal of Comparative Economics	1824-2979	D
European Journal of Development Research	0957-8811	D
European Journal of Population	0168-6577	D
Formation Emploi	0759-6340	D
Géographie Économie Société	1295-926X	D

Journal Name	ISSN	HEC Rank
Health Care Financing Review	0195-8631	D
Health Economics Policy and Law	1744-1331	D
Health Economics Review	2191-1991	D
Histoire Économie et Société	0752-5702	D
History of Economic Ideas	1122-8792	D
History of Economics Review	1037-0196	D
Housing Studies	0267-3037	D
Integrated Assessment	1389-5176	D
International Environmental Agreements: Politics, Law and Economics	1567-9764	D
International Journal of Agricultural Resources, Governance and Ecology	1462-4605	D
International Journal of Environment and Pollution	0957-4352	D
International Journal of Flexible Manufacturing Systems	0920-6299	D
International Journal of Global Energy Issues	0954-7118	D
International Journal of Public Opinion Research	0954-2892	D
International Journal of Quality in Health Care	1353-4505	D
International Journal of Sustainable Development	0960-1406	D
International Monetary Fund Staff Papers	1020-7635	D
International Organization	0020-8183	D
Journal Européen des Systèmes Automatisés	1269-6935	D
Journal of Agribusiness	0738-8950	D
Journal of Agricultural Education and Extension	1389-224X	D
Journal of Applied Behavioral Analysis	0021-8855	D
Journal of Energy and Development	0361-4476	D
Journal of Environment and Development	1070-4965	D
Journal of Environmental Economics and Policy	2160-6544	D
Journal of Environmental Planning and Management	0964-0568	D
Journal of International Economic Law	1369-3034	D
Journal of Legal Economics	1054-3023	D
Journal of Public Finance and Public Choice	1120-7019	D
Journal of Quantitative Economics	0971-1554	D
Journal of the Knowledge Economy	1868-7865	D
Journal of Wine Economics	1931-4361	D
L'Actualité Économique, Revue d'analyse Économique	0001-771X	D
Law and Contemporary Problems	0023-9186	D
Mathematics and Financial Economics	1862-9679	D
Mathématiques et Sciences Humaines	0987-6936	D
Mondes en Développement	0302-3052	D
Monthly Labor Review	0098-1818	D
Natural Resources Forum	0165-0203	D
Nature Sciences Sociétés	1240-1307	D
Networks	0028-3045	D
Oeconomia	2113-5207	D
Population Research and Policy Review	0167-5923	D
Public Finance Review	1091-1421	D
Recherches Économiques de Louvain / Louvain Economic Review	0770-4518	D
Région et Développement	1267-5059	D
Research in Economic History	0363-3268	D
Research in Law and Economics	0193-5895	D
Research in the History of Economic Thought and Methodology	0743-4154	D
Review of Economic Research on Copyright Issues	1698-1359	D
Review of International Organizations	1559-7431	D



Journal Name	ISSN	HEC Rank
Revue Canadienne d'Études du Développement / Canadian Journal of Development Studies	0225-5189	D
Revue de l'OFCE	1265-9576	D
Revue de la Régulation	1957-7796	D
Revue de Philosophie Économique	1376-0971	D
Revue d'Économie du Développement	1245-4060	D
Revue d'Économie Industrielle	0154-3229	D
Revue d'Économie Régionale et Urbaine	0180-7307	D
Revue d'Étude en Agriculture et Environnement / Review of Agricultural and Environmental S	1966-9607	D
Revue Française de Gestion Industrielle	0242-9780	D
Revue Française de Socio-Économie	1966-6608	D
Revue Française d'Économie	0769-0479	D
Revue Internationale de Droit Économique	1010-8831	D
Sciences Sociales et Santé	0294-0337	D
Society and Natural Resources	0894-1920	D
Travail et Emploi	0224-4365	D
Urban Public Economics Review	1697-6223	D
World Competition. Law and Economics Review	1011-4548	D
World Trade Review	1474-7456	D
Yale Journal on Regulation	0741-9457	D
Business Research Quarterly	2340-9436	D
Czech Journal of Economics and Finance	0015-1920	D
Entreprise et Société (anc. E&S, séries Economie de l'Entreprise / Entreprise et Finance)	2553-7830	D
European Review of Service Economics and Management	2495-991X	D
Research in Economic History	1054-1098	D
Review of Keynesian Economics	2049-5331	D
Revue d'Histoire de la Pensée Economique (anc. E&S, Histoire de la Pensée Economique)	2496-4646	D
Systèmes Alimentaires / Food Systems (anc. E&S, Systèmes Agroalimentaires)	2555-4670	D
Bedrijfskunde (last volume 2003)	0165-0971	D
Jaarboek MOA/NVMI / Ontwikkelingen in het Marktonderzoek	1569-6979	D
M&O, Tijdschrift voor Management en Organisatie	0165-1722	D
Maandblad voor Accountancy en Bedrijfseconomie (MAB)	0924-6304	D
NEHA-Jaarboek voor Economische, Bedrijfs- en Techniekgeschiedenis	1380-5517	D
Tijdschrift voor Economie en Management	0772-7674	D

## 2. Methodology and Sources

The HEC Liège Academic Journal Guide is an internal scientific journals classification made of the collation of three external journal rankings:

- ABS: Association of Business Schools (Last update: 2018);
- CNRS: Centre National de la Recherche Scientifique (Last update: Sept. 2018);
- ERIM: Erasmus Research Institute of Management (Last update: 2018).

The FNEGE journal ranking (Fondation Nationale pour l'Enseignement de la Gestion des Entreprises) is used exceptionally in the case explained below see *The guide relies on the following construction rules.*

- FNEGE : Association of Business Schools (Last update: 2016).

### ABS journals' classification

4*	Journals of Distinction. Within the business and management field including economics, there are a small number of grade 4 journals that are recognized world-wide as exemplars of excellence. Their high status is acknowledged by their inclusion in a number of well-regarded international journal quality lists. The Guide normally rates a journal 4* if they are rated in the highest category by at least three out of the five non-university based listings – Financial Times 45, Dallas List, VHB, Australian Deans' List, CNRS. In addition, journals from core social sciences disciplines that do not appear in those listings may also be rated 4* on the grounds that they are clearly of the finest quality and of undisputed relevance to business and management. In the Guide of 2015, this applies to three journals from the fields of sociology and psychology.
4	All journals rated 4, whether included in the Journal of Distinction category or not, publish the most original and best-executed research. As top journals in their field, these journals typically have high submission and low acceptance rates. Papers are heavily refereed. Top journals generally have the highest citation impact factors within their field.
3	3 rated journals publish original and well executed research papers and are highly regarded. These journals typically have good submission rates and are very selective in what they publish. Papers are heavily refereed. Highly regarded journals generally have good to excellent journal metrics relative to others in their field, although at present not all journals in this category carry a citation impact factor.
2	Journals in this category publish original research of an acceptable standard. A well regarded journal in its field, papers are fully refereed according to accepted standards and conventions. Citation impact factors are somewhat more modest in certain cases. Many excellent practitioner-oriented articles are published in 2-rated journals.
1	These journals, in general, publish research of a recognized, but more modest standard in their field. Papers are in many instances refereed relatively lightly according to accepted conventions. Few journals in this category carry a citation impact factor.

Reprinted from <https://charteredabs.org/academic-journal-guide-2018/>

### CNRS journals' classification

1	Revue influante, general.
1e	Revue influante en économie.
1eg	Revue influante en économie et gestion.
1g	Revue influante en gestion.
2	Forte sélectivité.
3	Sélectif.
4	Exigeant mais sélectivité plus faible.
NR	Nouvelle revue.

## ERIM journals' classification

<b>P-STAR</b>	The so called P* journals (or STAR journals), is considered to contain the absolute top ones among the best journals in the field. These P* journals are widely considered as truly distinctive. All ERIM P* journals are listed in the ISI Journal Citation Reports (JCR).
<b>P</b>	The Primary Set (P journals) contains the best journals in the field of management. There is a list of such journals that cover the entire field of research in management, and there are lists for each of the domains represented in ERIM research programs.
<b>PA</b>	The second subset of the journals in the Primary Set are not (yet) listed in the ISI Journal Citation Reports (JCR) but are expected to receive such a listing in the near future. These "non-ISI journals" are labelled as "P Aspirant" (P A) in the ERIM Journals List. P A journals will be transferred to the Secondary Set in the subsequent ERIM Journal List update, provided a sufficiently high impact factor has been attained before 1/1/2021.
<b>M-STAR</b>	A third subset of journals in the Primary Set is the category for Top Managerial Journals (M STAR or M*). In this way ERIM clearly differentiates between true research journals and these more managerially relevant journals. This new category of the list fits the importance attached to managerial relevance as part of ERIM's focus on dual impact (both academic, societal and managerial impact).
<b>S</b>	Secondary set (These journals are scientific refereed journals of a recognized academic reputation that do not reach the quality levels of the Primary Set, however. These journals stand for solid, mainstream work in research of management and papers in these journals count as qualifiers for ERIM membership.)
<b>S (3=1)</b>	Within the secondary list, a 3=1 category is distinguished. Mainly Dutch journals belong to this group. Three or more publications in EJL (3=1) journals count for 1 EJL S publication (see also ERIM Membership Charter).

Reprinted from <https://www.irim.eur.nl/about-irim/irim-journals-list-ejl/>

## For your information: FNEGE journals' classification

<b>1</b>	Most prestigious, recognized and selective journals in all disciplines of management. These journals deserve to be singled out for both the quality of their scientific content and their performance in terms of bibliometric indicators and rankings. These are very selective journals recognized all over the world. Few of them classified 1* benefit from a highly prominent position in their field.
<b>2</b>	Highly selective journals with a very demanding review process. These highly regarded journals provide major scientific contributions, have great visibility and excellent quality indexes (ranking, bibliometry, etc.) but to a lesser degree than the journals ranked 1.
<b>3</b>	Journals that meet the principles of arbitration, selectivity and quality leading to journals with a good scientific reputation and significant contributions, however to a lesser extent than the journals ranked 2.
<b>4</b>	Journals that fully meet the principles of arbitration of scientific journals, showing good selectivity and publishing original contributions. They are well recognized and have good quality indexes but to a lesser degree than journals ranked higher.

### **The guide relies on the following construction rules:**

- If the journal is listed in at least two of the three external journal lists, the HEC Liège Academic Journal Guide will attribute the best grade according to the following conversion grid:

ABS		ERIM		CNRS		HEC Liège	
4*	A	P-star	A	1g	A	A+	1
4	A	P	A	1	A	A	2
3	B	PA	A	2	B	B	3
2	C	S	B	3	C	C	4
1	C	M-Star	A	4	C	D	5
		S (3=1)	C				

- If the journal is listed in a single external journal list, the HEC Liège Academic Journal Guide will downgrade its equivalent ranking (according to the conversion grid) by one note. An exception is made for the ABS academic journal guide or if the journal is also listed in the FNEGE journal ranking.
- If the journal is not listed in one of the three external journal lists, it does not integrate the HEC Liège Academic Journal Guide.
- A+ Journals of the HEC Liège Academic Journal Guide are restricted to the scientific journals of the Financial Times 50 (last updated 2016).







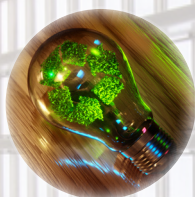
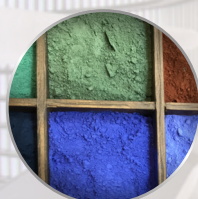
# **HEC List of Academic Publishers 2018**

## HEC List of Academic Publishers

Academic Press  
ACM  
Addison Wesley Longman  
Allen & Unwin, Inc.  
Ashgate  
Blackwell Publishers /Blackwell Science  
[Boom Juridische Uitgevers, Den Haag \(see, e.g. series of Center for Company Law\)](#)  
Brady, and Adobe Press)  
Brookings Institution  
Cambridge University Press (also USA)  
[CCH/Kluwer Law International, Capelle a/d IJssel, The Netherlands \(see, e.g. EUCOTAX Series on European Taxation which is a series of the EUCOTAX Network\)](#)  
Columbia University Press  
Duke University Press  
Edward Elgar  
[Edward Elgar Publishing Ltd, Cheltenham, United Kingdom](#)  
[Eleven International Publishing, The Hague, The Netherlands \(see, e.g. series of Center for Company Law\)](#)  
Elsevier Science  
Elsevier/North-Holland  
Emerald  
Harcourt International (see also Harcourt, USA)  
Harvard University Press  
[IBFD, Amsterdam, The Netherlands](#)  
IEEE  
John Wiley & Sons, Inc.  
Johns Hopkins University Press  
Kluwer Academic Publishers  
[Linde Verlag, Vienna, Austria](#)  
Macmillan (also UK and Macmillan Press)/Macmillan Computer Publishing USA (includes McGraw-Hill Professional Book Group (also UK)  
MIT Press Publishers Inc.  
New York University Press  
Norton  
Oxford University Press  
Palgrave  
Penguin USA and UK  
Prentice Hall (also Europe)  
Princeton University Press  
Que, Que College, Sams Publishing, Alpha Books, New Riders Publishing, Hayden Books,  
Routledge  
Sage Publications  
[SDU Uitgevers, Den Haag \(see e.g. the series Fiscaal Wetenschappelijke Reeks\)](#)  
Simon & Schuster  
Springer-Verlag + Physica Verlag (also London, UK, New York, USA and other Associate Companies)  
Taylor and Francis  
Thomson Publishing (includes ITP, Chapman & Hall, etc.)  
University of California Press  
University of Chicago Press  
Wiley (also UK)  
[Wolters Kluwer, Deventer \(see, e.g. the series Fiscale Monografieën, FED Fiscale Brochures, FED Fiscale Studiereserie, and Cursus Belastingrecht\)](#)  
Yale University Press

*IN BLUE MEANS TAX LAW ORIENTED*

# RESEARCH REPORT 2018



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