



ICITE & TIMES²

ACTIVITY REPORT 2023

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FOREWORD

Inaugurated in 2013, the **International Centre for Innovation, Technology and Education Studies (iCite)**, renamed **TIMES²** since December 2023, of the **Solvay Brussels School of Economics and Management** at Université Libre de Bruxelles.

TIMES² draws together researchers working at the intersection of management and economics and is conducting research in the areas of innovation & Impact, Management & Multidisciplinary, Technology & Transformation, Entrepreneurship & Economics and Strategy & Sustainability.

We pursue a primarily quantitative-empirical research approach as well as quantitative methods. Our goal is to make a significant scientific contribution to our research fields, which is also expressed through publications in leading international journals. Members of our institute published in international journals such as the Journal of Product Innovation Management, Entrepreneurship Theory & Practice, Journal of Business Venturing, Management Science, Research Policy, Information Economics & Policy, and International Journal of Operations and Production Management.

Furthermore, we intend to provide companies and policymakers with new insights and practically relevant tools. Therefore, we conduct multidisciplinary research at the intersection of economics and management in collaboration with various corporate and government partners to ensure empirically relevant, scientific contributions and practical benefits for organizations and society.

Our research projects are funded by the European Commission, Fonds National de la Recherche Scientifique, National Bank of Belgium and Innoviris. Within ULB, we conduct extent collaborative projects with the I3H Institute (healthcare and translational medicine), FARI (AI and robotics), and the Start LabBrussels.

Our Ph.D.-students are jointly educated in our Doctoral schools in management and economics together with CEBRIG and ECARES. During the year, we organize research events and, among them, joined Brownbag series with our colleagues from VUB, we invite guest speakers and plan social events for our members.

Judith Behrens
Director

Michele Cincera
President

I. ADMINISTRATIVE INFORMATION

Director

BEHRENS, Judith

Nationality: German

Position at ULB: Professor

Fields: corporate entrepreneurship, entrepreneurial thinking and cognition, decision making and innovation outcomes.

Funding: ULB payroll

PhD from WHU - Otto Beisheim School of Management

President

CINCERA, Michele

Nationality: Belgian and Italian

Position at ULB: Professor

Fields: impact assessment of competition and research policies, industrial organization.

Funding: ULB payroll

PhD from ULB

Faculty Members

BUGHIN, Jacques

Nationality: Belgian

Position at ULB: Associate Fellow – Professor of management practice

Fields: labor economics, agribusiness economics, economics, Web 2.0

Funding: Adjunct Professor and Freelance consultant

PhD from UCL

DEHON, Catherine

Nationality: Belgian

Position at ULB: Professor & Vice-Dean

Fields: nonparametric and robust statistics, econometrics and applied mathematics.

Funding: ULB payroll

PhD from ULB

DE MEULEMEESTER, Jean-Luc

Nationality: Belgian

Position at ULB: Professor

Fields: (comparative) higher education policies, economics of education, history of economic thought and methodology, economic history.

Funding: ULB payroll

PhD from ULB

DEWATRIPONT, Mathias

Nationality: Belgian
Position at ULB: Professor
Fields: industrial organization, contracts, and auctions
Funding: ULB payroll
PhD from ULB

EHRIG, Timo

Nationality: German
Position at ULB: Professor (chargé de cours)
Fields: Strategy
Funding: ULB payroll
PhD from Max Planck/ University of Witten-Herdecke

GASSNER, Marjorie

Nationality: Belgian and American
Position at ULB: Professor
Fields: mathematical aspects of electoral systems
Funding: ULB payroll
PhD from ULB

GEORGE, Martine

Nationality: Belgian and American
Position at ULB: Professor
Fields: management practice
Funding: ULB payroll
PhD from ULB

ILZKOVITZ, Fabienne

Nationality: Belgian
Position at ULB: Professor
Fields: competition policy and EU integration
Funding: ULB payroll
PhD from ULB

VANPOUCKE, Evelyne

Nationality: Belgian
Position at ULB: Associate Professor
Fields: supply chain management, operations management, purchasing management, international manufacturing networks, buyer-supplier relationship.
Funding: ULB payroll
PhD from Ghent University

VAN POTTELSBERGHE DE LA POTTERIE, Bruno

Nationality: Belgian

Position at ULB: Professor and Dean

Fields: economics of innovation and intellectual property: effectiveness of subsidies, R&D tax credit, patent system and international R&D spillovers.

Funding: ULB payroll

PhD from ULB

VERARDI, Vincenzo

Nationality: Italian

Position at ULB: Associate Professor

Funding: FNRS payroll

PhD from ULB

VERGAUWEN, Philippe

Nationality: Belgian

Position at ULB: Professor

Fields: banking, finance & accounting.

Funding: ULB payroll

PhD from KUL

WITMEUR, Olivier

Nationality: Belgian

Position at ULB: Professor

Fields: innovation, entrepreneurship & general management.

Funding: ULB payroll

PhD from ULB

Associated Fellows

ALDIERI, Luigi

Nationality: Italian

Position at ULB: Associate Fellow

Fields: applied economics & econometrics, innovation, development, strategic management, economics & econometrics Analysis

Funding: Associate Professor at University of Salerno (Italy)

PhD from ULB

DEVILLE, Hervé

Nationality: Belgian

Position at ULB: Associate Fellow

Fields: public management, political Economy, labor economics

Funding: Expert-Analyst at the CEG "Centre d'études GEORGIN" advice of the Brussels ministry for employment and professor at Université Catholique de Lille.

PhD from ULB

FALAGARA SIGALA Ioanna

Position at ULB: Associated researcher
PhD from University of Vienna

HASSAN, Emmanuel

Nationality: French
Position at ULB: Associate Fellow
Funding: private consulting
PhD from Paris Dauphine, ULB

INCE, Ela

Nationality: Belgian
PhD from ULB

RAVET, Julien

Nationality: Belgian
Position at ULB: Associate Fellow
Fields: economic analysis
Funding: ULB payroll
PhD from ULB

MARQUES SANTOS, Anabela

Nationality: Portuguese
Position at ULB: Associate Fellow
Fields: innovation, entrepreneurship & general management
Funding: external funding
PhD from ULB

VEUGELERS, Reinhilde

Nationality: Belgian
Position at ULB: Associate Fellow
Funding: KUL payroll
PhD from KUL

Doctoral Students

AMEYE, Nicolas

Nationality: Belgian
Fields : information system and digital business
Position at ULB: Doctoral Researcher
Supervisor: Nicolas van Zeebroeck
Funding: external funding

BAKKALI, Samira

Nationality: Belgian

Fields: Innovation, Entrepreneurship, Digital Transformation

Position at ULB: Doctoral Researcher and Teaching Assistant

Supervisor: Nicolas van Zeebroeck

Funding: ULB payroll

DEMANET, Elodie

Nationality: Belgian

Fields: circular economy in agri-zones Congo

Position at ULB: Doctoral Researcher

Supervisor: Bruno van Pottelsberghe de la Potterie

Funding: external funding

DE BIN, Giorgio

Nationality: Italian

Fields: no information

Position at ULB: Doctoral Researcher

Supervisor: Bruno van Pottelsberghe de la Potterie

Funding: external funding

DOUHARD, Joran

Nationality: Belgium

Fields: circular economy and business model innovation

Position at ULB: Doctoral Researcher

Funding: ULB payroll

Supervisor: Bruno van Pottelsberghe de la Potterie

FAYYAZ RISHEHCHI, Mohammad

Nationality: Iranian

Fields: no information

Position at ULB: Doctoral Researcher

Supervisor : Evelyne Vanpoucke

GIMENO FABRA, Lluís

Nationality: Spanish

Fields: patent research

Position at ULB: Doctoral Researcher

Supervisor : Bruno van Pottelsberghe de la Potterie

GOSSE, Julien

Nationality: Belgian

Fields: innovation, entrepreneurship & general management

Position at ULB: Doctoral Researcher

Supervisor: Nicolas van Zeebroeck

Funding: Innoviris grant

GUAN, Lisi

Nationality: Chinese

Fields: no information

Position at ULB: Doctoral Researcher

Supervisor: Evelyne Vanpoucke

Funding: external – co-supervision UMaastricht

HOFFREUMON, Charles

Nationality: French

Fields: digital economics

Position at ULB: Doctoral Researcher

Supervisor: Nicolas van Zeebroeck

Funding: external funding

KALUKUTA MAHINA, Lena

Nationality: Belgian

Fields: sustainable development

Position at ULB: Doctoral Researcher

Supervisor: Bruno van Pottelsberghe de la Potterie

Funding: ULB payroll

KASHEF, Shafagh

Nationality: Iran

Fields: teams, creativity, resilience and project transitions (effects of rewards on entrepreneurial team creativity)

Position at ULB: Doctoral Researcher

Supervisor: Judith Behrens

Funding: ULB payroll

MAURO, Gabriele

Nationality: Italy

Fields: sustainable supply chains

Position at ULB: doctoral researcher

Funding: ULB payroll

MIAN, Mohammed

Nationality: Belgian

Fields: innovation, entrepreneurship & general management

Position at ULB: doctoral researcher

Funding: ULB payroll

NSONSUMUNA, Jean

Nationality: Belgian

Fields: sustainable development

Position at ULB: Doctoral Researcher

Supervisor: Olivier Witmeur

Funding: external funding

ORGUN SENEL, Asli Irem

Nationality: Turkey

Fields: innovation, entrepreneurship & general management

Position at ULB: Doctoral Researcher

Supervisors: Olivier Witmeur & Judith Behrens

Funding : ULB Payroll

PETIT, Elise

Nationality: Belgian

Position at ULB: Doctoral Researcher

Fields: innovation, entrepreneurship & general management

Supervisor: Bruno van Pottelsberghe

Funding: ULB payroll

PLATTEAU, Antoine

Nationality: Belgian

Position at ULB: Doctoral Researcher

Fields: innovation, entrepreneurship & general management

Supervisor: Catherine Dehon

Funding: ULB payroll

ROSERO DELGADO Gabriela Alexandra

Nationality: Ecuadorian

Position at ULB: Doctoral Researcher

Fields: political economics

Supervisor: Evelyne Vanpoucke

Funding: ULB payroll

RUFFAT, Agnès

Nationality: French

Position at ULB: Doctoral Researcher

Fields: political innovation

Supervisor: Michele Cincera

Funding: external

SANCHEZ HERNANDEZ, Arthur

Nationality: Belgian

Fields: sustainable development, circular economy, waste management

Position at ULB: Doctoral Researcher

Supervisor: Bruno van Pottelsberghe

Funding : ULB Payroll

TABATABAEI, Fatemeh

Nationality: Belgian

Fields: econometrics, statistics, mathematics and data science

Position at ULB: Doctoral Researcher

Supervisor: Michele Cincera

Funding: external funding

Post-Doc

ALEXANDRE DE LIMA Felipe

Nationality: Brazilian

Fields: innovation

Position at ULB: Post-Doctoral Researcher

Supervisor: Evelyne Vanpoucke

Funding : U Kassel

Administrative Staff

NOTARIANNI, Anne-Marie

II. PUBLICATIONS

WORKING PAPERS

Orgun, Irem., Behrens, J. & Witmeur, O., “ Sustainability practices of venture capitalists: A content-analysis-based systematic literature review”, iCite 2023.

Bughin, Jacques, Hintermann, F., Roussière, P., « Crisis ? What crisis? Why European companies should double down on AI now”, iCite 2023.

Bughin, Jacques, Roussière, P., “The Rise of the Intelligent Enterprise”, iCite 2023.

Bughin, Jacques, “Looking beyond ChatGPT: Why AI Reinforcement Learning is set for Prime Time”, iCite 2023.

Bughin, Jacques, “Resilience is more than being able to rebound: it should be used as a competitive advantage”, iCite 2023.

Bughin, Jacques, “ChatGPT goes (not yet) to Hollywood”, iCite 2023.

Bughin, Jacques, “How productive is Generative AI really ?”, iCite 2023.

Bughin, Jacques, Gjepali, I., “ Now it is time for AI transformation”, iCite 2023.

Bughin, Jacques, “Does Generative AI generate jobs ?”, iCite 2023.

Bughin, Jacques, “Hacking trustworthy AI”, iCite 2023.

Bughin, Jacques, “Leveraging AI: what makes Superstar firms better than the average corporation?”, Available at SSRN 4490396, 2023

Bughin, Jacques, “Capabilities portfolio and firm resilience; Machine Learning insights by industry”, 2023

Bughin, Jacques, “Essays on the Adoption and Diffusion of Big Data Analytics and Artificial Intelligence Technology, Katholieke Universiteit Leuven, 2023

Bughin, Jacques, Incumbent Returns to Digital Technologies: The Role of Productive and Dynamic Capabilities Complements”, Available at SSRN 4330717, 2023

De Meulemeester, Jean-Luc, and Kusman, D., “Negotiating the debt at the inn: the leisting custom in the late medieval low countries”, 2023, December 21

Dewatripont, Mathias, Tirole, J., "The Morality of Markets", 2023, November

Douhard, Joran, van Pottelsberghe, B., "The cost of sustainability in the construction sector – the case of family houses in Belgium", 2023, December

Kalukuta Mahina, Lena, van Pottelsberghe, B., "Economic Consequences of the Unitary Patent", 2023, August

Gosse, Julien, Forman, C. CM., van Zeebroeck, N., "Adoption of ICT and Environmental Management Practices: Empirical Evidence from European Firms", 2023, November

Hoffreumon, Charles, Forman, C. CM, **van Zeebroeck, N.**, "Make or Buy your Artificial Intelligence? Complementarities in Technology Sourcing", 2023, August

Zarka, David, **Vergauwen, P.**, "Impact of mindfulness on organizational control mechanisms and the role of leadership: a transdisciplinary theoretical framework", 2023

Pezzoni, M., **Veugelers, R.**, Visentin, F., 2023. "Technologies fly on the wings of science," MERIT Working Papers 2023-036, United Nations University - Maastricht Economic and Social Research Institute on Innovation and Technology (MERIT), 2023

Arts, S., Melluso, N., **Veugelers, R.**, "Beyond Citations: Text-Based Metrics for Assessing Novelty and its Impact in Scientific Publications", arXiv preprint arXiv:2309.16437, 2023

Vergauwen, Philippe & Zarka, D., "Impact of Mindfulness on Organizational Control Mechanisms: A Transdisciplinary Theoretical Framework".

Nsonsumuna, Jean, Witmeur, O., « Tester les conditions de lancement d'une plateforme de crowdfunding en République Démocratique du Congo (RDC) », 2023, January

Nsonsumuna, Jean, Witmeur, O., « Défis et opportunités du crowdfunding en Afrique : revue de la littérature », 2023, November

CONFERENCE PAPERS

Mazijn, C., **Gossé, J.**, "What can the Brussels Capital Region do to foster responsible AI?, FARI International Conference" 2022, 2023

Bown, CP., Clausing, K., Fries, S., Furman, J., Lawrence, RZ., Pisani-Ferry, J., Posen, A.S., **Veugeler, R.**, "The macroeconomic implications of climate action", PIIE: Peterson Institute for International Economics, 2023

PEER REVIEW ARTICLES

Muğaloğlu, E., Kuşkaya, S., **Aldieri, L.**, Anour, M., Enamul Hoque, M., Magazzino, C., Bilgili, F., “Dynamic regime differences in the market behavior of primary natural resources in response to geopolitical risk and economic policy uncertainty”, *Resources Policy* 87 part B, 104340, 2023

Gatto, A., Drago, C., Panarello, D., **Aldieri, L.**, “Energy transition in China: Assessing progress in sustainable development and resilience directions”, *International Economics* 176, 100450, 2023

Aldieri, Luigi, Barra, C., Ruggiero, N., Paolo Vinci, C., “Corruption and firms’ efficiency: international evidence using an instrumental variable approach”, *Economia Politica* 40 (2), 731-759, 2023

Aldieri, Luigi, Amendola, A., Candila, V., “The Impact of ESG Scores on Risk Market Performance”, *Sustainability* 15 (9), 7183, 2023

Aldieri, Luigi, Gatto, A., Vinci, CP., “Panel data and descriptor for energy econometrics—an efficiency, resilience and innovation analysis”, *Quality & Quantity* 57 (2), 1649-1656, 2023

Aldieri, Luigi, Bruna, B., Makkonen, T., Vinci, CP., “Environmental innovations, geographically mediated knowledge spillovers, economic and environmental performance”, *Resources Policy* 81, 103423, 2023

Liberacki, A., Trincone, B., Duca, G., **Aldieri, L.**, Vinci, CP., Carlucci, F., “The Environmental Life Cycle Costs (ELCC) of Urban Air Mobility (UAM) as an input for sustainable urban mobility”, *Journal of Cleaner Production* 389, 136009, 2023

Aldieri, Luigi, “Il ruolo degli aspetti non monetari per la determinazione della situazione di benessere: Un’analisi regionale in Italia”, *Regional Economy* 7 (Q2), 47088, 2023

Brahmi, MS., **Aldieri, L.**, “Governance of abundant natural resources, mining and energy, and their economic impacts on developing countries: theoretical controversies”, *International Journal of Public Sector Performance Management* 12 (1-2), 275-314, 2023

Aldieri, Luigi, Tanveer, A., Mu, X., Zhan, Q., Ameer, W., Answer, K., M., Zeng, X., and Amin, A., “Economic development, social consequences, and technological innovation under climate change covid-19 pandemic conditions”, 2023

Aldieri, Luigi (2023). Il ruolo della memoria come base per benessere e longevità al tempo del bluff economico. *Le Voci di Sophia*, <https://doi.org/10.14672/vds20231ip4>

Aldieri, Luigi (2023). Il ruolo degli aspetti non monetari per la determinazione della situazione di benessere: Un’analisi regionale in Italia. *Regional Economy*, 7, Q2, 2023.

Ameye, Nicolas, Bughin, J., van Zeebroeck, N., “How uncertainty shapes herding in the corporate use of artificial intelligence technology”, *Technovation* 127, 102846, 2023, August 25

Aldieri, Luigi, Autiero, G., Nese, A., Vinci, C. P. (2023). “The role of Education for Innovation-Migration nexus in Europe”. *Economic Change and Restructuring*, forthcoming.

Bughin, Jacques, “Does artificial intelligence kill employment growth: the missing link of corporate AI posture”, *Frontiers in artificial intelligence and applications* 6, 1239466, 2023

Bughin, Jacques, « Distribution de productivité associée à l’IA générative en entreprise: une nouvelle fracture numérique? », *Management & Datascience* 7 (3), 2023

Bughin, Jacques, “Are you resilient? Machine learning prediction of corporate rebound out of the Covid-19 pandemic”, *Managerial and Decision Economics* 44 (3), 1547-1564, 2023

Bughin, Jacques, « S’affranchir du paradoxe de productivité de l’Intelligence Artificielle », *Management & Datascience* 7 (2), 2023

Bughin, Jacques, Roussière, P., Tanguturi, P., “The Rise of the Intelligent Enterprise”, *European Business Review*, 2023

Bughin, Jacques, Cincera, M., Kiepfer, E., Reykowska, D., Philippi, F., Żyszkiewicz, M., Ohme, R., Frank, D., “Vaccination or NPI? A conjoint analysis of German citizens’ preferences in the context of the COVID-19 pandemic”, *The European Journal of Health Economics* 24 (1), 39-52, 2023

Bughin, Jacques, “To ChatGPT or not to ChatGPT: A note to marketing executives”, *Applied Marketing Analytics: The Peer-Reviewed Journal* 9 (2), 110-116, 2023

Bughin, Jacques, Cincera, M., Peters, K., Reykowska, D., Żyszkiewicz, M., Ohme, R., “Make it or break it: On-time vaccination intent at the time of Covid-19”, *Vaccine* 41 (12), 2063-2072, 2023

Bughin, Jacques, Cincera, M., “ How Institutional Actions Before Vaccine Affect Time Vaccination Intention Later: Prediction via Machine Learning”, *Journal of Industrial Integration and Management* 8 (3), 1-16

Natali, Ilaria, **Dewatripont, M.**, Ginsburgh, V., Goldman, M., Legros, P., “Prescription opioids and economic hardship in France”, *The European Journal of Health Economics* 24(9), 1473-1504, 2023, December

Natalia, Yessika Adelwin, Delporte, M., De Witte, D., Beutels, P., **Dewatripont, M.**, Molenberghs, G., “Assessing the impact of COVID-19 passes and mandates on disease transmission, vaccination intention, and uptake: a scoping review”, *BMC public health* 23(1), 2279, 2023, December

Daems, S., Stevens, H., **Dewatripont, M.**, Eichler, H.G., Goldman, M., “A novel approach to boost drug development in paediatric oncology”, *Nature Reviews Drug Discovery* 22 (10), 769-770, 2023

Dewatripont, Mathias, Praet, P., Sapir, A., “The Silicon Valley Bank collapse: Prudential regulation lessons for Europe and the world”, *VoxEU.org* 20, 2023

Dewatripont, Mathias, « Quel statut juridique et quelles missions pour des EHPAD à visage humain ? », *Revue d'économie financière*, 113-123, 2023

Alexandre de Lima, F., Neutzling, D.M., Seuring, S., Kumar, V., Bossle, M.B., “Analyzing the implications of organic standardization and certification in alternative food networks: The capability approach”, *Business Ethics, the Environment & Responsibility* 32 (4), 1547-1562, 2023

Alexandre de Lima, F., Seuring, S., “Delphi study examining risk and uncertainty management in circular supply chains”, *International journal of production economics* 258, 108810, 2023

Ehrig, Timo, “Prioritizing beliefs and the formation of expectations”, *European Management Review* 20 (4), 651-664, 2023

Sun, H., Toyasaki, F., Falagara Sigala, I., “Incentivizing at-risk production capacity building for COVID-19 vaccines”, *Production and Operations Management* 32 (5), 1550-1566, 2023

George, Martine, & Hughes R., “Exploring the lived experience of mature Ph.D. students receiving one-to-one coaching sessions during their Ph.D. journey”, *Coaching: An International Journal of Theory, Research and Practice*, Volume 16, 2023 - Issue 2, Pages 205-218, 2023

Petit, Elise, van Pottelsberghe de la Potterie, B., Gimeno-Fabra, L., “Are patent offices substitutes?”, *Research Policy* 52 (8), 104823, 2023

Kocabasoglu Hillmer, C., Roden, S., **Vanpoucke, E.**, Son, B.C., “Radical innovations as supply chain disruptions? A paradox between change and stability”, *The journal of supply chain management*, 2023, May 01

Moshtari, Mohammad, Zaefarian, G., **Vanpoucke, E.**, “How Stakeholder Pressure Affects the effectiveness of International-Local NGO Collaboration in Localization of Humanitarian Aid, Nonprofit and voluntary sector quarterly”, 2023, August 01

Kocabasoglu-Hillmer, C., **Vanpoucke, E.**, Son, B.G., Roden, S., “Seeing with fresh eyes – the potential of paradox theory to explore persistent, interdependent tensions in supply chains”, *International journal of operations & production management* 43(11), 1669-1689, 2023, November

Vanpoucke, Evelyne, Klassen, R., “Reducing forced labour in supply chains: what could traditional companies learn from social enterprises?”, *International journal of operations & production management*, 2023, August

Ameye, Nicolas, Bughin, J., **van Zeebroeck, N.**, “How uncertainty shapes herding in the corporate use of artificial intelligence technology”, *Technovation* 127, 102846, 2023, August 25

Kleimann, D., Poitiers, N., Sapir, A., Tagliapietra, S., Véron, N., **Veugelers, R.**, Zettelmeyer, J., “Green tech race? The US Inflation Reduction Act and the EU Net Zero Industry Act”, *The World Economy* 46 (12), 3420-3434, 2023

Tagliapietra, S., **Veugelers, R.**, “Developing a green industrial policy for the European Green Deal”, *Handbook on Innovation, Society and the Environment*, 36-50, 2023

Veugelers, Reinhilde, Harhoff, D., “New options for patenting in Europe”, *Science* 381 (6654), 111-111, 2023

Veugelers, Reinhilde, Faivre, C., Rückert, D., Weiss, C., “The green and digital twin transition: EU vs US firms”, *Intereconomics* 58 (1), 56-62, 2023

ARTICLES IN REPOSITORY

van Pottelsberghe, Bruno., **Kalukuta Mahina, L.**, “European Patent System, In book: *Encyclopedia of Law and Economics*, 2023

Monard, E., Buysse, A., Debackere, K., Delcour, J., Vandenberghe, AM., Vandewalle, J., Van der Straeten, D., Van Dyck, D., Vermang, B., Verstraete, W., **Veugelers, R.**, “Vrij onderzoek noodzakelijk voor maatschappelijke uitdagingen”, *KVAB Press* 82, 5-107, 2023

PAPERS IN INTERNATIONAL SCIENTIFIC REVUES OR JOURNALS

Behrens, J. (in press): Learning and Innovation go hand in hand! The impact of innovation routines, strong ties and resources in the NPD process, *International Journal of Entrepreneurship and Innovation Management*.

PAPERS IN SCIENTIFIC REVUES WITHOUT REFEREE

Santos, Anabela, Cincera, M., “Determinants of financing constraints”, *Small Business Economics* 58 (3), 1427-1439, 2023

BOOKS

Aldieri, Luigi, “Economia e politica dell'innovazione e dell'ambiente”, G Giappichelli Editore, 2023

Aghion, P., Ahuja, K., Bown, CP., Cantner, U., Criscuolo, C., Dechezleprêtre, A., **Dewatripont, M.**, Hausmann, R., Lalanne, G., McWilliams, B., Rodrik, D., Tagliapietra, S., Terzi, A., Trasi, C., Tyson, L., **Veugelers, R.**, Zachmann, G., Zysman, J., “Sparking Europe’s new industrial revolution-A policy for net zero, growth and resilience”, Bruegel, 2023

BOOKS COLLABORATIONS

Bersini, Hugues, Francq, P., **van Zeebroeck, N.**, « Les fondements de l'informatique: du silicium au bitcoin », Louvain-la-Neuve: De Boeck Supérieur, 2023, September 12

CHAPTERS IN BOOKS

Dhayal, KS., Brahmi, M., Agrawal, S., **Aldieri, L.**, Vinci, CP., “Paradigm shift in education systems due to COVID-19: Its social and demographic consequences, *Frugal Innovation and Social Transitions in the Digital Era*”, 157-166, 2023

Vivek, R., Brahmi, M., Nanthagopan, Y., **Aldieri, L.**, “ A Systematic Review Using a Factor in Pestle Framework: COVID-19 Pandemic and Expansion of Economic Environments, *Frugal Innovation and Social Transitions in the Digital Era*”, 26-40, 2023

Sudusinghe, JI., **Alexandre De Lima, F.**, Seuring, S., Genovese, A., “Conceptualizing circular supply chains – A theory building approach”, *The Palgrave Handbook of Supply Chain Management* https://link.springer.com/referenceworkentry/10.1007/978-3-030-89822-9_87-1#DOI, pp 1–20, 2023

Bughin, Jacques, Cincera, M., “Does Working from Home Work?”, IntechOpen, 2023

De Meulemeester, J.L. (2023), "Introduction à la Journée d'Etudes Henri Vernes », in : Hommage à Henri Vernes. 70 ans de Bob Morane. Bruxelles, Editions L'Age d'Or (avec le soutien de la Bibliothèque Wittockiana et des Amis de la Bibliothèque de l'ULB), 8-10.

Kovacs, G., **Falagara Sigala, I.**, Hamid Abakar, A., Sarker, S., "The way forward: Current trends in humanitarian logistics, Humanitarian Logistics: Meeting the Challenge of Preparing for and Responding to Disasters and Complex Emergencies", p 317-327, 2023

Kovacs, G., Comes, T., **Falagara Sigala, I.**, "Pandemic response and humanitarian logistics, Humanitarian Logistics: Meeting the Challenge of Preparing for and Responding to Disasters and Complex Emergencies", p 247-264, 2023

CONTRIBUTION TO PERIODICALS & NEWSPAPERS

De Meulemeester, Jean-Luc, Open Letter with 45 other economists: "Notre modèle économique est insoutenable », L'Echo, 29 march 2023 .

van Zeebroeck, Nicolas, Gossé, J., Fitzhenry, J. JF, "Digital for Green: Leveraging Digital Technologies to Improve Sustainability", The Conference Board briefing, 2023, February 07

van Zeebroeck, Nicolas, Media Column: ChatGPT: entre périls et salut, La Libre Belgique, 2023, July 18

POLICY DOCUMENTS

Dewatripont, Mathias, Praet, P., Sapir, A., "The Commission's CMDI proposal has the potential to significantly improve banking resolution in the EU", VoxEU.org, 2023

Tagliapietra, S., **Veugelers, R.**, Zettelmeyer, J., "Rebooting the European Union's Net Zero Industry Act", Bruegel Policy Brief, 2023

Kleimann, D., Poitiers, N., Sapir, A., Tagliapietra, S., Véron, N., **Veugelers, R.**, Zettelmeyer, J., "How Europe should answer the us inflation reduction act", Bruegel Policy Contribution, 2023

RESEARCH REPORTS

Cardani, R., Deisenhofer, T., Dierx, A., Di Dio, F., Fedotenkov, I., **Ilzkovitz, F.**, Pataracchia, B., Ratto, M., Stevenson, A., Verouden, V., "Modelling the macroeconomic impact of competition policy: 2022 update and further development", European Commission, 2023

Tagliapietra, S., Trasi, C., **Veugelers, R.**, « Europe's Green Industrial Policy, » ICE, Revista de Economía, vol 932, 2023

Schaper, T., Arts, S., **Veugelers, R.**, "Not like the others: frontier scientists for high-impact inventions", FEB Research Report MSI_2302, 1-77, 2023

DOCTORAL THESIS

Ameye, Nicolas, "Essays on the Adoption and Diffusion of Big Data Analytics and Artificial Intelligence Technology", Faculté Solvay Brussels School of Economics and Management, Bruxelles: Université libre de Bruxelles, 2023, May 25

III. VISITS

PRESENTATION TO NATIONAL CONFERENCES

Luigi Aldieri participated to the conference organized in Laquila, Società Italiana di Economia (SIE) International Conference, Gran Sasso Institute, L'Aquila, 19-21 October 2023

Jean-Luc De Meulemeester participated to the conference held in Oxford, UK, 7-10 November: professor Ken Mayhew (SKOPE).

Shafagh Kashef & Judith Behrens participated to the Resilience in entrepreneurial teams, Belgian Entrepreneurship Research Day BERD Gent 2023.

Jean-Luc De Meulemeester, with *Quelle place pour l'histoire de la pensée économique dans l'enseignement ?* » participated to the Midis de Rethinking Economics ULB, Brussels, 16th of February

Shafagh Kashef presented at the EIT Brownbag series with VUB in the area of entrepreneurship, innovation and technology management

RISHEHCI FAYYAZ Mohammad, presented at the EIT Brownbag series with VUB in the area of entrepreneurship, innovation and technology management

CINCERA Michele participated to the EIT Brownbag series with VUB in the area of entrepreneurship, innovation and technology management

PRESENTATION TO INTERNATIONAL CONFERENCES

Orgun, I., Behrens, J.: How does sustainability impact venture capitalists' investment cycle? International Product Development Management Conference IPDMC, 2024.

Kashef, S., Behrens, J.: How to improve resilience in innovative teams? International Product Development Management Conference IPDMC, 2023.

Orgun, I., Behrens, J. & Witmeur, O.: Sustainability Practices of Venture Capitalists: A Systematic Literature Review, Rent conference 2023. (student won Best Doctoral Proposal Award).

Behrens, J., Kashef, S.: Resilience in entrepreneurial teams, G-Forum, 2023.

Mohammad RISHEHCHI FAYYAZ presented at the EurOMA 2023 Conference.

EHRIG Timo, participation in a high level conference at Bocconi, LUISS Rome (November 2023) CINCERA, Michele participated to 4 international conferences.

De Meulemeester, J.L. and D. Kusman (2023), « Negotiating the debt at the inn: the Leisting custom in the Late Medieval Low Countries cities”, Fondazione Istituto Internazionale di Storia Economica “F. Datini” LIV Study Weeks: Alternative currencies. Commodities and services as exchange currencies in the monetarized economies of the 13th to 18th centuries. Session on “The diffusion of alternative currencies”, Prato, Tuesday 16 May.

PARTICIPATION TO INTERNATIONAL CONFERENCES

RISHEHCHI FAYYAZ Mohammad, Euroma conference 2023, 1st to 6th of July 2023.

VANPOUCKE Evelyne, Euroma conference 2023, 6th of July 2023. She was invited to one seminar and participated to one international conference, she presented to three international conferences.

ORGUN SENEL, Asli Irem 7th Entrepreneurial Finance (ENTFIN) Conference, 5-7 July, 2023, Antwerp, Belgium. She also participated in the conference RENT 2023 Taming Uncertainty – 15-17 November, Gdansk, Poland. She also participated to BERD 2023 - 2nd of May, 2023

RESEARCH TASKS

Lena Kalukuta had a research week for 2 ARES PRD projects: “Fertiliser: to identify the stakeholders and to visit the production facility. Biological pesticide to get rid of the fall army worm in Burkina Faso and Senegal”.

Asli Irem ORGUN SENEL participated to the Lunch & Learn Presentation: Introduction of Impact Scoring Platform (ISP) to finance&invest.brussels employees, 4th May 2023

VISITS FOR RESEARCH ABROAD

Jean-Luc De Meulemeester went to Oxford, UK, from 7 to 10 November, 2022 to meet professor Ken Mayhew (SKOPE).

Philippe Vergauwen, in the context of exploring research or research-based collaboration to strengthen the Advanced Master Biotech & MedTech Ventures travelled abroad as follows: At Universidad de Malaga, Supercomputing & Bioinnovation Center, Spain (November 2022), at Università di Torino, Centre for Biomolecular Research, Dept. Biotechnology, Italy (November 2023), at Biocampus Charleroi (Gosselies), EU Biotech School & Health Hub, December 2022.

He also made some Accreditation visits (NVAO, EQUIS, AACSB or CYQAA related) in Cyprus Agency Quality Assurance, Peer Review Team (Chair) visits to Limassol-Cyprus (January 2023) and Riga- Letland (September 2023), Tilburg for NVAO: joint NVAO-AACSB accreditation Peer Review Visit (Chair NVAO) Tilburg University, TiSEM & TIAS (June 2022). He went to Aberdeen for EQUIS accreditation pre-Equis PRT visit, Aberdeen University Business School, Aberdeen, Scotland (March 2023)

IV. NOTORIETY & INVOLVEMENT IN ASSOCIATIONS & NETWORKS

PRIZES & DISCTINCTIONS

Timo EHRIG is Honorary fellow at UCL

Nicolas van Zeebroeck got the ULB Prize for Scientific Diffusion (2023)

Asli Irem Orgun Senel received the ECSB Best Doctoral Proposal Award at RENT Conference.



EDITORIAL POSITIONS

Judith Behrens is on the Editorial Board of the Journal of Product Innovation Management and Entrepreneurship Theory and Practice.

Luigi Aldieri is Section Editor (Economics) of Heliyon :

<https://www.cell.com/heliyon/editors#Toc092519085d>)

He is also Associate Editor of Environment, Development and Sustainability

(<https://www.springer.com/journal/10668/editors>) and Editorial board member of International Social Science Journal

<https://onlinelibrary.wiley.com/page/journal/14682451/homepage/editorialboard.html>)

Timo Ehrig was invited to one seminar and participated to one international conference. He is Reviewer for Academy of Management Review, Strategy Science

Evelyne Vanpoucke is Associate editor at International Journal of Operations and Production Management and Board member at Euroma (European Association for Operations and Production Management).

EXTERNAL ADVISORY FUNCTIONS

Jean-Luc De Meulemeester is Research Associate at BETA 5 Bureau d'économie théorique et appliquée), Université de Strasbourg (France) : https://beta-economics.fr/annuaire/458/de-meulemeester_jean-luc/. He is also SKOPE associate (Skill, Knowledge and Organisational Performance, University of Oxford, Department of Education): <https://skope.ox.ac.uk/people/skope-associates/>. He is Member of MODERNITAS, MSH-Maison des Sciences de l'Homme. Brussels, ULB: <https://msh.ulb.ac.be/fr/team/modernitas/members>

Nicolas van Zeebroeck is advisor of the Brussels Region Government (AI Strategy for Brussels), he is also Member of the Advisory Board of AI4Belgium (since 2021) and Member of Belgium's High Council for Employment (since 2020)

Philippe VERGAUWEN is involved in the following Executive committees and councils of learned societies. As Chairman United Nations University – MERIT (Maastricht University) International Advisory Council (meetings in April, June, October 2023), as member of International Advisory Board and member of the Conseil d'Administration. He is also KEDGE Business School (Marseille-Bordeaux-Paris), member of International Advisory Board and member of the Conseil d'Administration (meetings in January, June and October 2023)

REFEREE POSITIONS

Jean-Luc De Meulemeester, Review of Economic Analysis (REA, Open-access journal), Portuguese Economic Journal

Fabienne Ilzkovitz, referee for a paper proposed for publication in the Journal of Common Market Studies, January 2023.

OTHER TYPES OF INVOLVEMENT

Evelyne Vanpoucke is research fellow at Vlerick, Phd coach in the Euroma doctoral workshop.

Nicolas van Zeebroeck is Member of Belgium's High Council for Employment, senior Fellow at The Conference Board

V. PhD SUPERVISIONS

ONGOING PhD

Luigi ALDIERI is supervising:

Muhammad Ghufuran, University of Salerno (XXXVI Ciclo), Food and Sustainability
Luca Esposito, University of Salerno (XXXVII) Ciclo, Renewables and Environment
Samuel Diriba, University of Salerno (XXXVIII Ciclo), Innovation and Wellbeing

Judith BEHRENS is supervising:

Shafagh KASHEF, Belgian/Iran (started in 2021)
Provisional dissertation title:
Decision marketing in entrepreneurial teams

Michele CINCERA is supervising:

Mohammed MIAN, Belgian, started in 2022.
Provisional dissertation title:

Towards sustainable innovation ecosystems: designing and implementing new models for incubators and accelerators

Fatemeh TABATAEI, Iranian, started in 2021.

Provisional dissertation title:

How does technology support sustainability?

Agnès RUFFAT, French, started in 2023.

Provisional dissertation title:

Souveraineté de la donnée : enjeu national et international. Pourquoi les politiques publiques doivent-elles favoriser l'investissement en R&D des entreprises technologiques locales.

Catherine DEHON is supervising:

Antoine PLATTEAU, Belgian, started in 2022

Provisional dissertation title:

Impact of tutorial support on students' learning journey in higher education

Evelyne VANPOUCKE is supervising:

Lisi GUAN, Chinese, 2019-2022,

Co-supervision with Maastricht University

Provisional dissertation title:

Developing green and smart supply chain practices: antecedents, process and recovery

Gabriele MAURO, Italian, started in 2020

Provisional dissertation title :

Circular economy and supply chains

Mohammad RISHEHCHI FAYYAZ, Iranian, started in 2022

Provisional dissertation title:

Designing resilient networks to cope with supply chain disruption risks

ROSERO DELGADO Gabriela Alexandra, Ecuador, started in 2023

Bruno VAN POTTELSBERGHE is supervising:

Elodie DEMANET, Belgian, started in 2021

Joran DOUHARD, Belgian, started in 2021.

Provisional dissertation title:

Essays on circular economy and economic performances of firms

Giorgio DE BIN, Italian, started in 2020.

Provisional dissertation title:

Essays on entrepreneurial finance in Europe

Luis GIMNO FABRA, Spanish, started in 2013.

Lena KALUKUTA-MAHIMA, Belgian, started in 2022.

Co-supervision with the University of Lubumbashi

Provisional dissertation title:

How does technology support sustainability?

Elise PETIT, Belgian, started in 2015.

Arthur SANCHEZ HERNANDEZ, Belgian, started in 2021

Provisional dissertation title:

Access is the new ownership: Analysis of the pay-per-use micromobility options

Nicolas VAN ZEEBROECK is supervising:

Nicolas AMEYE, Belgian, started in 2014 and defended in 2023

Provisional dissertation title:

Essays on the adoption and diffusion of Big Data analytics and artificial intelligence technology

Samira BAKKALI, started in 2014.

Provisional dissertation title:

Incentives to innovate : digital content industry

Julien GOSSE, Belgian, started in 2018.

Charles HOFFREUMON, started in 2018.

Olivier WITMEUR is supervising:

Asli ORGUN SENEL, Turkish, started in 2021.

Provisional dissertation title:

Sustainable entrepreneurial ecosystems by finance&invest.brussels

Jean NSONSUMUNA, Congo, started in 2022.

Provisional dissertation title:

Financement des PME/TPE dans les pays en développement : vers un modèle d'une plateforme de financement participatif intégrateur en RDC dans la province du Congo Central.

VI. RESEARCH FUNDING

Nicolas VAN ZEEBROECK

Business Survey on the Data Economy in Europe - Joint research project with IPSOS for European Commission's DG CNECT (2022)

AI Pilot Project within FARI – RRF Funding – AI Strategy for Brussels Region

Judith BEHRENS and Olivier WITMEUR

INNOVIRIS research project: How to optimize the role of finance&invest.brussels as promotor of sustainable-focused entrepreneurial ecosystems? (2021-2025)

VII. iCite EVENTS

MONTHLY EIT BROWNBAG SEMINAR

Organized by Prof. Judith Behrens, the EIT (Entrepreneurship, Innovation & Technology) brownbag seminars is a jointed series of research events by iCite Solvay School of Economics and Management and the entrepreneurship group of Vrije Universiteit Brussel (VUB) of Prof. Thomas Crispeels and Prof. Kevin de Moortel and monthly takes place in alternation on both campuses in Brussels. In the seminar our entrepreneurship, innovation and technology scholars present research-related themes and current research work. We cover a broad range of topics in for example, entrepreneurship, sustainability, ecosystems, patents, and technology transfer while using different research methods. In that regard, the studies presented in the seminar can be equally conducted on individual, team, and organizational levels. The types of presentations and maturity of the research varies, ranging from initial research ideas to full papers.

If you are interested in attending or presenting, please get in touch with Prof. Dr. Judith Behrens or Anne-Marie Notarianni. Please feel free to share the information about this brownbag series with colleagues you think may be interested.



Times² RESEARCH DAY

On September 19, 2023, Prof. Dr. Judith Behrens welcomed colleagues, Ph.-D-students, and research fellows to the Times² Research Day at Solvay School of Economics and Management in Brussels.

The International Research Day was a resounding success. In a friendly and constructive atmosphere, we welcomed internationally renowned researchers such as Tobias Kretschmer, Institute for Strategy, Technology and Organization, Munich School of Management, Jan

2023 ACTIVITY REPORT

Brusselaers, Faculty of Science, Environmental Economics, VUA Amsterdam and Reinhilde Veugelaers, Department of Management, Strategy, and Innovation, KUL. Our PhD candidate, Joran Douhard and our Post-Doc Felipe Alexandre de Lima, presented their research projects. Everyone was happy with the ex-changed in-sights and gained valuable feedback from debating with the plenum.

Overall, the international research day was a great success, showcasing the incredible work being done in the field of research and inspiring attendees to continue pushing the boundaries of knowledge and discovery. We look forward to hosting more events like this in the future, bringing together researchers from all corners of the globe to collaborate and innovate for the betterment of society.



IX. CONTACTS

Mailing Address

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