# TIMES<sup>2</sup> Research Center Activity Report 2024

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## FOREWORD

Inaugurated in 2013, TIMES<sup>2</sup> (formerly named International Centre for Innovation, Technology and Education Studies (*iCite*)), is a research center of the Solvay Brussels School of Economics and Management at Université Libre de Bruxelles.

**TIMES**<sup>2</sup> draws together researchers working at the intersection of management and economics and is conducting research in the areas of Technology & Transformation, Innovation & Impact, Management & Multidisciplinary, 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 among others. 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: corporate entrepreneurship, entrepreneurial thinking and cognition, decision making and innovation outcomes. Funding: ULB payroll PhD from ULB

# **Faculty Members**

#### **DEHON**, Catherine

Nationality: Belgian Position at ULB: Professor & Dean since 09/2024 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

## **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 (till 07/2024), Rector of Corvinius University in Budapest since 08/2024. Fields: economics of innovation and intellectual property: effectiveness of subsidies, R&D tax credit, patent system and international R&D spillovers. PhD from ULB

## VAN ZEEBROECK, Nicolas

Nationality: Belgian Position at ULB: Professor and Adjunct to the President & Advisor to the Rector for IT and Digital (ULB) Fields: economics of information and digital technology, knowledge diffusion, business process, innovation, digital business strategy, digital transformation

## 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 and Vice-Dean 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

## **AMEYE**, Nicolas

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

## **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

## **BUISSON**, Bernard

Position: Pedagogical adviser at Ecole Polytechnique Executive Education – Paris Saclay PhD from ULB

## **DANGUY**, Jérôme

Position: Chief Economist at Wallonie Entreprendre 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

#### FOMBASSO TOYEM, Gilles Eric,

PhD from ULB

#### **GASSNER**, Marjorie

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

#### HASSAN, Emmanuel

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

#### INCE, Ela

Nationality: Belgian Position: Project Officer – European Commission PhD from ULB

#### LUI, Guangyuan

PhD from ULB

#### MARQUES SANTOS, Anabela

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

## MEYER, Malwina

PhD from ULB

#### **MONCADA PATERNO CASTELLO, Pietro**

Position: Senior Expert Economics and Policy of Industrial Research & Innovation -European Commission PhD from ULB

#### PARY, Nicolas,

PhD from ULB

## **RAVET**, Julien

Nationality: Belgian Position: Economic Analysis - European Commission Position at ULB: Associate Fellow Fields: economic analysis Funding: ULB payroll PhD from ULB

## SAKUMA, Kyoko

Position: Senior Advisor at Metzler Asset Management PhD from ULB

#### SHAUCHUK, Palina,

Position: Research Manager at SBS-EM, ULB Funding: ULB PhD from ULB

#### **VERADI**, Vincenzo

Nationality: Italian Position at ULB: Associate Professor Funding: FNRS payroll PhD from ULB

## **VEUGELERS**, Reinhilde

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

#### THI HANH, Vu

Position: Foreign Trade University, Vietnam. PhD from ULB

# **Doctoral Students**

## **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: economics, statistics, mathematics & data science 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: operations & supply chain management Position at ULB: Doctoral Researcher Supervisor: Evelyne Vanpoucke

## **GIMENO FABRA**, Lluis

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: green supply chain management Position at ULB: Doctoral Researcher Supervisor: Evelyne Vanpoucke Funding: external – co-supervision U Maastricht

## **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: team creativity, resilience & 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 Supervisor: Evelyne Vanpoucke Funding: ULB payroll

#### MIAN, Mohammed

Nationality: Belgian Fields: innovation, entrepreneurship & general management Position at ULB: doctoral researcher Supervisor: Michele Cincera 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: education economics, 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 & data science Position at ULB: Doctoral Researcher Supervisor: Michele Cincera Funding: external funding

# **Post-Docs**

## ALEXANDRE DE LIMA Felipe

Nationality: Brazilian Fields: innovation Position at ULB: Post-Doctoral Researcher Supervisor: Evelyne Vanpoucke Funding: U Kassel

# **Papers in International Scientific Revues (with Referees)**

**Ameye, N., Bughin, J., & van Zeebroeck, N.** (2024). From experimentation to scaling: what shapes the funnel of AI adoption? Economics of innovation and new technology., 2413940.

**Bughin, J.** (2024). Le plateau de performance des modèles de langage (LLM) : un épisode, pas une fin de l'Al génératrice (GenAI). Management et Datascience, Article 0039227. https://doi.org/10.36863/mds.a.39227.

Bughin, J. (2024). Briser la courbe de Beveridge grâce à l'Intelligence Artificielle. Management et Datascience, 8(1). <u>https://doi.org/10.36863/mds.a.27467</u>.

Bughin, J. (2024). Doing versus saying: responsible AI among large firms. AI & SOCIETY, 1-13.

**Bughin, J.** (2024). The role of firm AI capabilities in generative AI-pair coding. Journal of Decision Systems, 1-22.

**Bughin, J.** (2024). Resilience and performance: capturing their synergy for ongoing success. Journal of Business Strategy, 45(2), 124-132.

**Bughin, J**. (2024). What drives the corporate payoffs of using generative artificial intelligence? Structural Change and Economic Dynamics, 71, 658-668.

**Bughin, J**. (2024). Inside the successful make-up of 'AI-first' organisations. Journal of AI, Robotics & Workplace Automation, 3(3), 16-25.

**Guan, L., Vanpoucke, E**., Quintens, L., (Accepted) (2024), The Role of Importance and Urgency in prioritising Green Supply Chain Practices (GSCPs), International Journal of Production Research.

**Hoffreumon, C.,** Forman, C. C., & **van Zeebroeck, N**. (2024). Make or buy your artificial intelligence? Complementarities in technology sourcing. Journal of economics & management strategy, 33, 452-479.

**Vanpoucke, E.** and Klassen, R.D., (2024). Reducing forced labour in supply chains: what could traditional companies learn from social enterprises? International Journal of Operations & Pro-duction Management, 44 (10), 1803-1830.

Moshtari, M., Zaefarian, G., **Vanpoucke, E.** (2024), How Stakeholder Pressure Affects the effectiveness of International-Local NGO Collaboration in Localization of Humanitarian Aid, Nonprofit and Voluntary Sector Quarterly, 53 (4), 866-897.

# Papers in Scientific Revues (without Referees)

**Cincera, M., Ince, E., Santos, A.**, Revisiting the innovation-competition nexus: Evidence from worldwide manufacturing and service industries, <u>Structural Change and Economic Dynamics</u>, <u>Volume 69</u>, Elsevier, June 2024, Pages 586-603.

**Santos, A., Cincera, M**., Cerulli, G., Sources of financing: Which ones are more effective in innovation–growth linkage? Economic Systems, <u>Volume 48, Issue 2</u>, Elsevier, June 2024, 101177.

# **Articles in National Peer-reviewed Journals**

**Dehon, C.,** & Lebouteiller, L. (2024). A comparison between two systems of university education: years of study versus credit accumulation. Education Economics, 10.1080/09645292.2023.2301333. https://doi.org/10.1080/09645292.2023.2301333.

Altepe, C., Chetail, F., **& Dehon, C.** (2024). Réussir à l'université : rôle des prérequis disciplinaires et intérêt d'un test diagnostique à l'entrée du parcours supérieur. E-Journal of International Research in Education and Finance, 10(1), 5.

Lurquin, F.O., **Petit, E.L.**, Ahn, S.A., Rousseau, M.F., Hermans, M.P. (2024). Groupes sanguins ABO et risque macrovasculaire dans le DT2. Annales d'Endocrinologie, Volume 85, issue 5 octobre 2024 pages 529-555 doi.org/10.1016/j.ando.2024.08.491.

# **Peer-reviewed Academic Proceedings**

**Dewatripont, M**., Tirole, J., The Mortality of Markets. The University of Chicago. Journal of Political Economy 132 (8), 2655-2694, 2024.

**Ehrig, T.**, Prioritizing beliefs and the formation of expectations, <u>https://doi.org/10.1111/emre.12602</u>, European Management Review, 2024.

**Rishehchi Fayyaz, M., Vanpoucke, E.,** Kocabasoglu-Hillmer, C., The Silver Lining of an Asymmetry: Does Power Asymmetry Strengthen Supply Chain Network Resilience Amid Catastrophic Disruptions, Proceedings for the Euroma conference 2024, Barcelona, 2024.

**Mauro, G.,** Gualandris, J., **Vanpoucke, E.**, The Economic Performance Implications of Pursuing Carbon Neutrality through Diverse Carbon Abatement Technologies, Proceedings of the EurOMA conference 2024, Barcelona, 2024.

**Mauro, G., Vanpoucke, E.**, Empowering Renewable Energies: Artificial Intelligence Capabilities in Power Networks, Proceedings of the EurOMA conference 2024, Barcelona, 2024.

# **Peer-reviewed Professional Proceedings**

Ehrig, T., Competing with Theories: How Entrants use Awareness to Capture Rents from Disrupting an Industry.

Published Online: 9 July 2024 https://doi.org/10.5465/AMPROC.2024.85bp, Academy of Management.

Ehrig, T., Felin, T., Zenger, T., Causal Reasoning and the Scientific Entrepreneur: Beyond Bayes, SSRN, August 2024.

# **Paper under Review**

Lurquin, F.O., **Petit, E.L**., Ahan, S.A., Rousseau, M.F., Hermans. Cross-prevalence of large and small vessels disease in type 2 diabetes: overview from a Belgian academic center.

# Working Papers

**Ameye, A., Bughin, J., van Zeebroeck, N.,** From AI Adoption to Exploitation: The Role of Complements and Competition, Times<sup>2</sup> WP2024-073, ULB.

**Bakkali, S., Cincera, M., van Zeebroeck, N.**, The Inverted U-Shaped Relationship between Broadband Penetration and International R&D Collaboration: Evidence from 19 OECD Countries, Times<sup>2</sup> WP2024-074, ULB.

**Bughin, J., & van Zeebroeck, N.**, Strategic Renewal and Corporate Return of Digital Transformation. Times<sup>2</sup> WP2024-071, ULB.

Bughin, J., Gossé, J., Hoffreumon, C., van Zeebroeck, N., Value and Integrative Dynamic Capabilities: An Empirical Confirmation, Times<sup>2</sup> WP2024-072, ULB.

Bughin, J., Inside the Successful Make-up of 'Al-first' Organisations, Times<sup>2</sup> WP2024-075, ULB.

**Bughin, J.**, The Role of Firm AI Capabilities in Generative AI-pair Coding, Times<sup>2</sup> WP2024-076, ULB.

Bughin, J., Doing versus Saying: Responsible AI among Large Firms, TIMES<sup>2</sup> WP2024-077, ULB.

**Ehrig, T.,** Zenger, T., Competing with Theories: Using Awareness and Confidence to Secure Resources and Rents, Times<sup>2</sup> WP2024-078, ULB.

# **Chapters in Books**

Brogniaux, A., **Dehon, C**., Emplit, P., Toma, C., (2024). Gender Bias in Closed-Ended Questions with Negative Points. (2024).10.1007/978-3-031-61853-6 21.

Altepe, C., **Dehon, C.,** Chetail, F. (2024). Réussir à l'université : le rôle des compétences langagières.

# Books

**Dewatripont, M.** (2024), Eric S. Maskin, The Palgrave Companion to Harvard Economics, 975-998, 2024 Springer International Publishing.

van Zeebroeck, N. (2024). L'économie numérique : Enjeux et ressorts d'une révolution. Bruxelles, Editions de l'Université libre de Bruxelles.

# **Case Studies**

**Gimeno-Fabra, L.,** Coherency in Scope ? A Technology-based Study on Patent Office Granting Behavior.

# **ULB** Publications

**Vergauwen, P.** & Mughal, I., (2024), Controlled Navigation of the Venture Capital Funding Maze, Presse Universitaire de Bruxelles - PUB Press, Université Libre de Bruxelles, D/2024/0098/087, ISBN 9782500016019.

Vergauwen, P., (2024), The Laws of Human Stupidity & GroupThink, Discussion Note (Master Spécialisé en Gestion Industrilee, SBS-EM, ULB), 5p.

**Vergauwen, P**., (2024), The Laws of Human Stupidity & The Collapse of Nokia's Mobile Phone Business, Discussion Note (Master Spécialisé en Gestion Industrielle SBS-EM, ULB), 6p.

# **Articles in Newspapers**

van Zeebroeck, N. (2024). L'échiquier mondial de l'IA : entre régulations et soft power. The Conversation, Source, ULB.

van Zeebroeck, N. (2024). IA : promesses de productivité, apocalypse pour l'emploi ? The Conversation.

van Zeebroeck, N. (2024). Comment les Européens et le logiciel libre perdent la bataille numérique. L'Artichaut.

Colmant, B., & **van Zeebroeck, N.** (2024). L'intelligence artificielle arrivera-t-elle à temps ? La Libre Belgique.



# **Presentation to International Conferences**

**Behrens, J.** & Tybra, A, Keeping R&D Employees Engaged in Failure Contexts: The Role of Managerial Responsibility, Academy of Management, Chicago (USA), 2024.

Kashef, S. & Behrens, J., Resilience in entrepreneurial teams, Technology Transfer Society (T2S), Brussels, 2024.

**Orgun, I., Behrens, J. & Witmeur, O.,** How does sustainability influence VCs investment cycle? Technology Transfer Society (T2S), Brussels, 2024.

**Orgun, I., Behrens, J. & Witmeur, O.,** How does sustainability influence VCs investment cycle? Technology Transfer Society (T2S), Brussels, 2024.

**Orgun, I., Behrens, J. & Witmeur, O.,** Sustainability activities of venture capitalists: A contentanalysis-based systematic literature review, Belgium, 2024.

# **Presentation to National Conferences**

Shafagh Kashef, presented at the Belgian Entrepreneurship Research Day (BERD) 2024, TTO, Brussels.

**Elise Petit,** presented at the EIT Brownbag series with VUB in the area of entrepreneurship, innovation and technology management.

# **Invited seminars**

Evelyne Vanpoucke: Doctoral workshop, ESADE, July 2024.

# **Participation to International Conferences**

Evelyne Vanpoucke: Participations to the EurOMA conference, Barcelona, July 2024.

# **Participation to National Conferences**

Elise Petit: Participation to the I3h seminars in the area of health innovation.

**Shafagh Kashef**: Participation to Technology Transfer Society **(T2S)** Annual Meeting 2024 (T2S2024), StartLAB. Brussels, Pitch XXL 2024.

# **Other Visits**

**Philip Vergauwen** participated and contributed to the AACSB, EMEA Annual Conference, Malta, Keynote Speaker, Cultivating Critical Thinking Leaders, Innovation in Higher Invited, Malta, November 2024.

Philip Vergauwen visited Navigator Project, European Union Horizon Europe Research and Innovation Programme, Expert Group member (<u>https://eunav.eu</u>), Brussels, June 2024.



## **IV. ORGANIZATION OF CONFERENCES**

Judith Behrens & Olivier Witmeur organized the Technology Transfer Society Annual Meeting (T2S) 2024 on September 11-13, 2024, in Brussels, Belgium, <u>https://www.t2s2024.be</u>.

They also organised the **Belgium Entrepreneurship Day 2024 (BERD 2024)** on April 25, 2024, in Brussels, Belgium.



## V. NOTORIETY & INVOLVEMENT IN ASSOCIATIONS AND NETWORKS

# **Advisory Functions in Policy & Industry**

Lluis Gimeno-Fabra is advisor to the Vice-President Patent Granting Process at the European Patent Office.

**Nicolas van Zeebroeck** is Member of the Advisory Board of Al4Belgium (since 2021) and Member of Belgium's High Council for Employment (since 2020).

**Philip Vergauwen** is Chairman of the International Advisory Council, UNU-Merit, Maastricht University & University United Nations.

He is also member of the Expert Group, European Council on Foreign Relations (EFCR), Navigator Project, Institut des Européennes, Centre for European Law & Faculté de Droit (ULB).

He is Chair, NVAO accreditation panel, Nijmegen School of Economics & Management (Radboud Universiteit, NL) & Faculty of Military Science (Dutch Defense Academy – Nederlandse Defensie Academie, Breda, NL) and Chair, External Evaluation Committee, Cyprus Quality Assurance Agency, University Central Lancashire (UCLan), Larnaka (CY).

# **Editorial Positions**

Judith Behrens is member of the journal of Product Innovation Management, Entrepreneurship Theory & Practice.

**Evelyne Vanpoucke** is Associate Editor of International Journal of Operations and Production Management.

**Nicolas van Zeebroeck** is member of the board of Journal of Industrial and Business Economics (JIBE).

# **Best Student Paper Award**

**Gabriele Mauro**, (with **Evelyne Vanpoucke)** with paper title "Carbon-neutral operations and shareholder wealth: examining the role of carbon abatement technologies", at EDSI, 14<sup>th</sup> Annual EDSI Conference, June 2024, Venice, Italy.

**Mohammad Rishehchi Fayyaz,** (with **Evelyne Vanpoucke** and Canan Kocabasoglu-Hillmer) awarded for the paper entitled "The Silver Lining of an Asymmetry: Does Power Asymmetry Strengthen Supply Chain Network Resilience Amid Catastrophic Disruption", EurOMA 2024 Conference, July 2024, Barcelona, Spain.

**Orgun Senel** paper was nominated for the best doctoral student paper at IPDMC 2024 Title for the conference: How does sustainability impact Venture Capitalists' investment cycle? coauthors are **Judith Behrens & Olivier Witmeur.** 

# **Prizes & Distinctions**

**Evelyne Vanpoucke** and Chris Voss won the Best Paper Award, EurOMA (together with **Moham-mad Rishehchi Fayyaz**.

**Olivier Witmeur** is Chairman of the Board of TAPIO, WE INVEST, L'ILOT ASBL. He is also member of la Commission des licenses de la Royal Belgian Football Association.



# **Ongoing PhD**

**Amaniyan, Rahman,** Supply Chain and Operations Management, Sustainability and Resilience, Data-driven Social Network Theory Analysis. Supervisor: **Evelyne Vanpoucke**.

**Bakkali, Samira**, Essays on R&D Practices and Digital Resources. Supervisor: **Nicolas van Zeebroeck**.

Belkadi, Oumaima, Entrepreneurship. Supervisor: Judith Behrens.

**Bontempi, Lucia,** Essays on Economic Education. Supervisor: **Catherine Dehon**.

**De Bin, Giorgio**, Essays on Entrepreneurial Finance in Europe. Supervisor: **Bruno van Pottelsberghe**.

**Douhard, Joran**, Essays on Circular Economy and Economic Performances of Firms. Supervisor. **Michele Cincera**.

Fayyaz, Rishehchi, Mohammad, Designing Resilient Networks to Cope with Supply Chain Disruption Risks. Supervisor: Evelyne Vanpoucke.

**Gimeno-Fabra, Lluis**, Essays on the Procedural Aspects of the Global Patent System. Supervisor: **Bruno van Pottelsberghe.** 

**Guan, Lisi**, Developing Green and Smart Supply Chain Practices: Antecedents, process and recovery. Supervisor: **Evelyne Vanpoucke**, co-supervision with U. Maastricht.

Hoffreumon, Charles, Three Essays on the Adoption of Al Technologies in Firms. Supervisor: Nicolas van Zeebroeck.

**Kalukuta, Lena**, Development of Circular Solutions for a Sustainable Agricultural Sector in the Democratic Republic of Congo. Supervisor: **Bruno van Pottelsberghe.**  Kashef, Shafagh, Resilience of Entrepreneurial Teams. Supervisor: Judith Behrens.

Mauro, Gabriele, Carbon Neutral Operations. Supervisor: Evelyne Vanpoucke.

Molica, Francesco, Economics of innovation, innovation policy, regional economics, regional science.

Supervisor: Michele Cincera.

**Mian, Mohammed Ashraf,** Towards Sustainable Innovation Ecosystems: Designing and Implementing New Models for Incubators and Accelerators. Supervisor : **Michele Cincera.** 

**Nsonsumuna, Jean,** Les conditions de succès du lancement d'une plateforme de crowdfunding en République démocratique du Congo (RDC). Supervisor: **Olivier Witmeur**, co-supervision with U. Kongo (RDC)

Orgun, Irem, Sustainable Entrepreneurial Ecosystems by Finance&invest.brussels. Supervisor: Judith Behrens & Olivier Witmeur.

**Platteau, Antoine**, Impact of Tutorial Support on Students' Learning Journey in Higher Education. Supervisor : **Catherine Dehon**.

**Ruffat, Agnes**, Souveraineté de la donnée : enjeu national et international. Pourquoi les politiques publiques doivent-elles favoriser l'investissement en R&D dans les services publiques. Cas d'usage : La modélisation des flux de mobilité dans les transports grâce à l'IA pour la Prédiction de l'évolution des services publics.

Supervisor: Michele Cincera.

**Stranart, Nathan,** Post-growth Entrepreneurship. Supervisor: **Judith Behrens**.

**Petit, Elise**, Essays on the Economics of Patent Systems. Supervisor: **Bruno van Pottelsberghe** 

**Sanchez, Arthur**, Life-cycle Analyses through Bottom-up and Top-down Approaches. Supervisor: **Bruno van Pottelsberghe** 

**Tabatabaei, Fatemeh**, How does Technology Support Sustainability? Supervisor: **Michele Cincera.** 

# **Co-supervisions**

**Olivier Witmeur**, co-supervision of **Jean Nsonsumuna** with Université Kongo in RDC with an ARES grant, ULB-Développement.

Evelyne Vanpoucke, co-supervision of Lisi Guan with Maastricht University.

# **Defended PhD dissertations in 2024**

**Gossé, Julien**, Essays on Digitalization and Sustainability: An Empirical Investigation of Firms' Adoption of Digital Technologies and Environmental Management Practices. Supervisor : **Nicolas van Zeebroeck.** 

**Nsonsumuna, Jean,** Les conditions de succès du lancement d'une plateforme de crowdfunding en République démocratique du Congo. Supervisor: **Olivier Witmeur**, co-supervision with U. Kongo (RDC).

**Petit, Elise**, Essays on the Economics of Patent Systems. Supervisor: **Bruno van Pottelsberghe** 

# Visiting PhD Students

Gianluca Monturano, Università du Modena e Reggio Emilia, Italy.

Maria D'Avino, Università di Padova, Italy.

Syed Muhammad Ali Shah, Università Politecnica delle Marche, Italy.

## **VII. POST DOCS**

**Ioanna Falagara Sigala**, PhD of the Institute for Transport and Logistics Management in Vienna, was Post-Doc of **Evelyne Vanpoucke**.



## **VIII. RESEARCH FUNDING**

Shafagh Kashef, European Cybersecurity Competence Centre and Innoviris projects.

**Olivier Witmeur**, co-supervision of **Jean Nsonsumuna** with Université Kongo in DRC with an ARES grant , ULB-Développement.

Evelyne Vanpoucke, co-supervision of Lisi Guan with Maastricht University.



# EIT (Entrepreneurship, Innovation & Technology) with the following seminar presentations

January 25, **Mohammad Fayyaz Rishehchi**, Designing Resilient Networks to cope with Supply Chain Disruption Risks.

February 6, Shafagh Kashef, Resilience of entrepreneurial teams.

March 5, Elise Petit, Essays on the Economics of Patent Systems.

October 17, **Gabriele Mauro**, Carbon Neutrality Announcement and Shareholder Value: Examining the Role of Carbon Abatement Technologies.

November 21, **Lena Kalukuta Mahina**, Challenges for a circular agriculture in Africa: a literature survey on maize.

# BERD 2024 - Belgian Entrepreneurship Research Day April 24,2024

Complete program is available here.

We extend our heartfelt gratitude to everyone who contributed to the success of the Belgian Entrepreneurship Research Day (BERD) 2024, held at the Solvay School of Economics and Management. This event was a remarkable gathering of scholars, practitioners, and enthusiasts dedicated to advancing the field of entrepreneurship research.

We were honoured to host prestigious invited speakers, **Rebecca Preller** and **Scott Shane**, whose enlightening keynotes captivated the audience and added immense value to the day's discussions. Their profound insights and expertise not only set the tone for the event but also sparked engaging conversations that enhanced our collective understanding of current trends and challenges in entre-preneurship.

In addition to their keynote addresses, the day was enriched by a series of compelling presentations showcasing a diverse array of research papers. Each presentation brought forth innovative ideas, methodologies, and findings, contributing to a vibrant atmosphere of learning and exploration. The exchange of knowledge and experiences among participants fostered a collaborative spirit that is essential for the growth and evolution of entrepreneurial research.

As we reflect on the success of this year's event, we look forward to our next rendezvous in Namur, where we will continue this journey of learning, collaboration, and entrepreneurial excellence. Together, we will build on the momentum generated at BERD 2024, further enriching the entrepreneurial landscape in Belgium and beyond.

Thank you once again to all our speakers, participants, and organizers for making this event a memorable and inspiring experience. Let us keep the dialogue going as we strive to push the boundaries of entrepreneurship research!



# Conference: T2S September 11 to 13, 2024



Together with our esteemed colleagues **Thomas Crispeels, Kevin De Moortel, & Marie Gruber** from Vrije Universiteit Brussel (VUB), we had the privilege of organizing the **Technology Transfer Society Annual Meeting 2024** in the heart of Brussels. This prestigious event spanned three enriching days filled with inspiring presentations, cutting-edge research papers, and thought-provoking keynote speeches.

The program was meticulously curated to provide attendees with a comprehensive overview of the latest advancements and trends in technology transfer. Those interested in the specifics of our agenda can find the program details here: <u>Technology Transfer Society Annual Meeting 2024 Program</u>.

Among the distinguished invited speakers, we were honoured to host Petra Andries from Ghent University, Alessandra Scandura from the University of Turin, and Chris Hayter from the Georgia Institute of Technology. Each of these experts brought unique insights and perspectives to the discussions, enriching the experience for all participants.

One of the highlights of the event was an evening gathering at the historic Maison Grand Place, where we welcomed Maribel Guerrero from Arizona State University. Her captivating speech resonated deeply with attendees, emphasizing the importance of collaboration and innovation in technology transfer.

Overall, the Technology Transfer Society Annual Meeting 2024 was an incredible opportunity for professionals in the field to learn, share knowledge, and forge valuable connections. The atmosphere was electric with creativity and collaboration as participants engaged in meaningful discussions and explored new ideas. We are grateful to everyone who contributed to making this event a resounding success and look forward to continuing these vital conversations in the future.



# Times <sup>2</sup> Research Day

# **December 4, 2024**

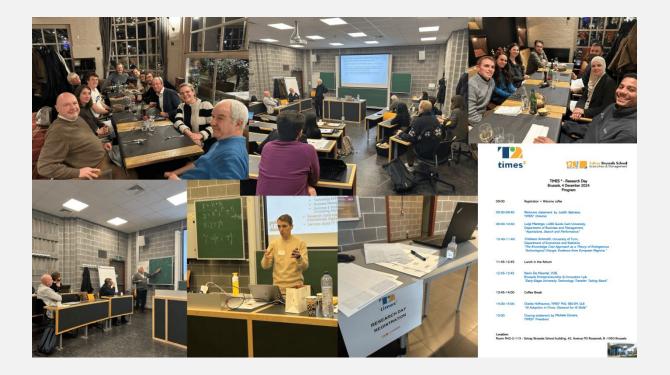
We reflected on an inspiring TIMES<sup>3</sup> Research Day 2024 that brought together brilliant minds to share groundbreaking ideas. We are deeply grateful to our esteemed guests who presented their remarkable work, sparkling thought-provoking discussions and new perspectives.

Luigi Marengo, LUISS Guido Carli University, Department of Business and Management, "Aspirations, Search, and Performance".

**Cristiano Antonelli**, University of Turin, Department of Economics and Statistics, "The Knowledge Cost Approach as a Theory of Endogenous Technological Change: Evidence from European Regions".

**Kevin De Moortel,** VUB, Brussels Entrepreneurship & Innovation Lab, "Early-Stage University Technology Transfer: Taking Stock".

Charles Hoffreumon, TIMES<sup>2</sup> PhD, SBS-EM, ULB, "AI Adoption in Firms: Demand for AI Skills".



# Farewell of Judith Behrens as Director of Times<sup>2</sup> Nicolas van Zeebroeck appointed new Director During the December Annual Assembly

After an enriching and transformative four-year tenure as the Director of the TIMES2 Research Center, **Judith Behrens has announced that she will be passing the torch to Nicolas van Zeebroeck.** This transition marks a significant milestone for both Judith and the center, as she reflects on the myriad experiences and accomplishments that have defined her leadership.

Judith emphasized the profound impact that leading the center has had on her professional life. "Overseeing our diverse research activities, managing our budget and dedicated staff, and shaping our longterm strategy have been both exhilarating and rewarding," she remarked, her eyes sparkling with enthusiasm as she recounted the journey. She noted that addressing the challenges faced by PhD candidates and initiating innovative programs, such as the EIT Brownbag Series and Research Day, have not only fostered a vibrant research community but have also created invaluable opportunities for collaboration and knowledge exchange.

Judith also highlighted the fruitful partnerships that have emerged during her time at TIMES2, particularly the exciting collaborations with VUB Vrije Universiteit Brussel. These alliances have strengthened the center's research capabilities and expanded its reach, paving the way for groundbreaking discoveries and impactful contributions to the field.

As she prepares to embark on a new chapter, Judith expressed her heartfelt gratitude to her colleagues and collaborators for their unwavering support and commitment. "It has truly been an incredible journey and a privilege to work alongside such talented individuals," she said, her voice filled with emotion. She is confident that under Prof. van Zeebroeck's leadership, the TIMES2 Research Center will continue to thrive, pushing the boundaries of research and innovation in the years to come.

With a sense of optimism for the future, Judith looks forward to seeing how the center will evolve and grow, continuing to inspire and empower the next generation of researchers. As she steps away from her directorial role, she leaves behind a legacy of excellence and an enduring commitment to advancing knowledge and fostering collaboration within the academic community.



## **CONTACT INFORMATION**

# **Mailing Address**

## TIMES<sup>2</sup> Research Center

Solvay Brussels School of Economics and Management Université libre de Bruxelles 50, Avenue Franklin Roosevelt CP 114/05 B – 1050 Brussels

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