8th Geography of Innovation Conference

28–30 January 2026, Corvinus University of Budapest

Detailed Programme

DAY 1

Opening Ceremony
Wed, 28 January, 09:00–09:15 – Room XI (Building C - "Rudolf Andorka Auditorium")
Chair: Cesar Hidalgo, Toulouse School of Economics & Corvinus University of Budapest

Bruno van Pottelsberghe, Rector, Corvinus University of Budapest

Balázs Lengyel, Corvinus University of Budapest & ELTE CERS

Keynote Lecture #1
Wed, 28 January, 09:15–10:45 – Room XI (Building C - "Rudolf Andorka Auditorium")
Chair: Cesar Hidalgo

Beata Javorcik EBRD & University of Oxford	Sanctions and the Shifting Landscape of International Trade
Lars Coenen Western Norway University of Applied Sciences	Innovation Labs and Districts: Place-Based Experimentation for Challenge-Driven Innovation

G05–01: Economic Complexity and Regional Diversification
Wed, 28 January, 11:15–13:15 – Seminar Room 417
Chair: Frank van der Wouden

Yibo Qiao[1], Yingcheng Li[2], Ron Boschma[3] [1]Nanjing University, [2]Southeast University, [3]Utrecht University	Place Dependence, Industrial Diversification, and Economic Performance of Chinese Cities
Felipe Starosta de Waldemar[1], Anne Plunket[1], Julien Giorgi[2] [1]Université Paris-Saclay, [2]INSEE	Unveiling technological combinations: regional novelty, specialization and trajectory

Frank van der Wouden, Ziyu Chen, Xiaohu Zhang The University of Hong Kong	Neighborhood Clusters and Citywide Technological Diversification
Marco Perinotti[1], Andrea Morrison[2], Roberta Rabellotti[2], David Rigby[3] [1]Università Statale di Milano, [2]Università di Pavia, [3]UCLA	Do GHG Emissions Influence Green Technological Diversification in EU Regions?
Angelo Vozzella, Massimo Riccaboni Scuola IMT Alti Studi Lucca	Relatedness Drives Divergence: External Linkages and theCore-Periphery Dynamics of Technological Innovation in U.S. Cities

G08–01: Innovation in Developing and Emerging Economies
Wed, 28 January, 11:15–13:15 – Seminar Room 208
Chair: Canfei He

Canfei He, Dejie He Peking University	Venture Capital and Regional Industrial Green Transition
Iván Tartaruga, Fernanda Sperotto University of Porto	Some notes on inclusion, uncertainty, and territory in sustainability transitions: lessons from agri-food and family farming
Tim Becker[1], Yongmin Shang[2], Sebastian Losacker[1,3] [1]Justus Liebig University, [2]Shanghai Academy of Social Sciences[3]Lund University	Green windows of opportunity and the geography of industry formation: Insights from the bamboo construction industry in China

G09–01: The Spatial Dynamics of Innovation Networks
Wed, 28 January, 11:15–13:15 – Room V
Chair: Koen Frenken

Onder Nomaler[1], Koen Frenken[2], Elisa Giuliani[3], Saurabh Arora[4] [1]UNU-MERIT, [2]Utrecht University, [3]University of Pisa, [4]SPRU	“In The Loop”: On cycles in knowledge networks

Francesco Capone, Niccolò Innocenti University of Florence	How digital age does not erase localities. A proximity-based analysis of on-line and off-line innovation networks.
Sergio Barbosa [1], Patricio Sáiz[1], José L. Zofío[1,2] [1]Universidad Autonoma de Madrid, [2]ERIM	Innovation Networks and Regional Convergence in Europe: Evidence from 50 Years of Co-Patenting Data
Antonio Zinilli[1], Nico Pintar[2], Thomas Scherngell [2] [1]CNR-National Research Council, [2] Austrian Institute of Technology	Dynamics of inter-city innovation networks in Europe: What role plays complexity?
Jianhua Zhang[1,2], Milad Abbasiharofteh[2,3], Xiaolong Liu[2], Dimitris Ballas[2] [1]Utrecht University [2]University of Groningen [3]Aalborg University	Spatial Dynamics of Related Capabilities in Regional Green Innovation: Technological vs. Non Technological Domains
Niccolò Innocenti, Francesco Capone, Luciana Lazzeretti University of Florence	Inventors network, complexity and breakthrough innovationsA study of the long evolution of invention in Italy

G15–01: Skills, Labor Markets, and Mobility
Wed, 28 January, 11:15–13:15 – Room X
Chair: Hillary Vipond

Weronika Wilczewska, Mateusz Traczyński, Korneliusz Pylak Lublin University of Technology	Digital competences as drivers of spatial business innovation: Evidence from a transition economy
Andrew Johnson University of Stavanger	The Spatial Distribution of New Work in Second Industrial Revolution Britain, 1851-1911
Edoardo Fermante, Niccolò Innocenti University of Florence	Complexity, Wages and AI Exposure in Italy
Hillary Vipond Complexity Science Hub	Technological Unemployment in Victorian Britain: A Tasks Based Analysis

G22–01: Strategic Autonomy and Technological Sovereignty

Wed, 28 January, 11:15–13:15 – Seminar Room 209

Chair: Valentina Meliciani

Manuel Molina Vogelsang, Friedrich Dornbusch Fraunhofer Institute for Systems and Innovation Research	Exploring complementary knowledge bases and technological sovereignty
Simone Vannuccini[1], Ludovic Dibiaggio[2], Lionel Nesta[1] [1]University Cote d'Azur, [2]SKEMA Business School	European Sovereignty in Artificial Intelligence: A Competence-Based Perspective
Valentina Meliciani[1], Anne Plunket[2] [1]University Luiss Guido Carli, [2]Université Paris Saclay	Regional specialization in green technologies: striking the right balance between technological sovereignty and international collaboration

S03–01: Enterprises and Entrepreneurship in Shrinking Cities and Regions

Wed, 28 January, 11:15–13:15 – Seminar Room 416

Chair: Susanne Gretzinger

Susanne Gretzinger[1], Birgit Leick[2] [1]University of Southern Denmark, [2]University of South-Eastern Norway	Managing online and offline touchpoints of rural "geographical places": The case of the town Sønderborg in Southern Jutland, Denmark
Ellena Brandner, Heike Mayer University of Bern	New cores in peripheries:Future coordination in institutional change
Klevisa Kapo, Francesco Capone University of Florence	Mapping and analyzing the Tirana Start-up Ecosystem: Social networks, organizational interactions and growth pathways

S08–01: Geographies of Skilled Migration, Innovation and Knowledge diffusion

Wed, 28 January, 11:15–13:15 – Seminar Room 425

Chair: Andrea Morrison

Andrea Morrison[1,2], Stefano Breschi[2], Roberta Rabellotti[1], Wilmar Quintero[2] [1]Università di Pavia, [2]Bocconi University	The gift of academic migration: how Italian universities can benefit from international returnees'
Marcos Anton-Tejon[1], Stefano Breschi[2], Andrea Morrison[1], Roberta Rabellotti[1] [1]Università di Pavia, [2]Bocconi University	Academic returnees as driver of knowledge diffusion: how returnees alter the patterns and content of scientific collaborations at home
Diego Chavarro[1], Rodrigo Ito[2], Tommaso Ciarli[3], Robin Cowan[2], Fabiana Visentin[2] [1]Research Policy Solutions, [2]Maastricht University, [3]UNU-MERIT	Brokers of Novelty or Agents of Specialization? The Impact of MobileResearchers on Domestic Scientific Trajectories

S11–01: Transforming places – Innovation, industrial transition and reigniting growth in different regions

Wed, 28 January, 11:15–13:15 – Room VII

Chair: Andrea Conte, Alexander Lembcke

Camilla Lenzi, Elisa Panzera Politecnico di Milano	Unpacking Market Power from a Territorial Perspective. Implications for Income and Wage Inequalities in European Regions
Ron Boschma Utrecht University, Stavanger University	Identifying policy options from an evolutionary perspective on place transformations
Benjamin Cornejo Costas, Deyu Li Utrecht University	Twin Transitions and the employment dynamics in European regions
Bernardo Caldarola[1,2], Tommaso Ciarli[2,3], Emanuele Pugliese[2], Simone Sasso[1] [1]EC Joint Research Centre, [2]UNU-MERIT, [3]SPRU	The Hidden Innovators: Uncovering Capabilities and Industrial Dynamics in European Rural Areas

S14–01: The Geography of Innovation in a Digital Economy
Wed, 28 January, 11:15–13:15 – Seminar Room 415
Chairs: Mercedes Delgado, Frank Neffke, Johannes Wachs

Mercedes Delgado Copenhagen Business School	CT & AI Clusters around the World
Sergio Petralia, Ron Boschma Utrecht University	The Impact of Open-Source Software Codification on the Geographic Diffusion of Patented Innovations
Thomas Fackler University of Surrey	Defying Gravity: What Drives Productivity in Remote Teams?
Xiangnan Feng[1], Johannes Wachs[1,2,3], Simone Daniotti[1,4], Frank Neffke[1] [1]Complexity Science Hub, [2]Corvinus University, [3]ELTE KRTK, [4]Utrecht University	The building blocks of software work

S16–01: Framing Innovation: Media and the Spatial Dynamics of Change
Wed, 28 January, 11:15–13:15 – Seminar Room 426
Chair: Burcu Özgün

Burcu Özgün[1,2], Tom Broekel[3], Carlo Michael Knotz[3] [1]Utrecht University, [2]University of Kassel, [3]University of Stavanger	Where the Headlines Vote: Media, Geography, and the Electoral Success of the German Radical Right
Francesco Cappellano[1], Teemu Makkonen[2] [1]University of Kiel, [2]University of Eastern Finland	A media-based indicator for measuring cross-border innovation
Lukas Kriesch, Sebastian Losacker Justus Liebig University	The uneven geography of technology legitimacy: A sentiment analysis of German news articles on timber construction
Moritz Schütz[1], Lukas Kriesch[1], Sebastian Losacker[1], Burcu Özgün[2], Tom Brökel[3] [1]Justus-Liebig-University, [2]Utrecht University, [3]University of Stavanger	Forgotten and Left-Behind? A Quantitative Analysis of Geocoded News Articles on German Regions

Yong Hao Tan, Tom Broekel, Andreea Cojocaru, Huiwen Gong University of Stavanger	Spatiality and Temporality of News Narratives: An Investigation of Norwegian Newspapers

S17–01: Global and Local Supply Chains
Wed, 28 January, 11:15–13:15 – Seminar Room 418
Chair: Sándor Juhász

Neave O'Clery[1], Ben Radcliffe-Brown[2], Thomas Spencer[2], Daniel Tarling-Hunter[2] [1]UCL,[2]UK Foreign, Commonwealth and Development Office	Harnessing 'next generation' firm-level transaction data to unmask global product supply chains
Zoltán Elekes[1,2], Sándor Juhász[3,1], Gergő Tóth[1,2], Balázs Lengyel[1,3], Gergely Magyar[1] [1]ELTE KRTK, [2]Umeå University, [3]Corvinus University	Geography of supplier connections and labor flows
Semanur Soyyiğit[1], Murat Donduran[2] [1]Kırklareli University, [2]Yıldız Technical University	Complex Network Approach to Regional Economics: Analysis of Interprovincial Supply Chain of Türkiye
Márta Bisztray[1], Gábor Békés[2,1], Miklós Koren[2,1], Balázs Lengyel[1,3], Martin Neubrandt[1,3] [1]ELTE KRTK, [2]CEU, [3]Corvinus University	Shock-driven diversification of supply chains
Sándor Juhász[1,2,3], Zoltán Elekes[2,4], Virág Ilyés[1,2], Frank Neffke[3] [1]Corvinus University, [2]ELTE KRTK, [3]Complexity Science Hub, [4]Umea University	Co-location of skill related suppliers: Advancing coagglomeration research using firm-to-firm network data

S25–01: Knowledge Flows across the Borders for the Green and Digital Transition
Wed, 28 January, 11:15–13:15 – Room VI
Chair: Nicoletta Corrocher

Nicoletta Corrocher[1], Andrea Morrison[2,1], Roberta Rabellotti[2] [1]Bocconi University, [2]University of Pavia	Is the twin transition a job for twins? Technological collaborations in green-digital technologies
Sina Saenger, Stefan Hennemann Justus Liebig University	Regional Twin Transition Pathways: A Skill-relatedness Approach
Luca Serafini, Emanuela Marrocu, Prof. Raffaele Paci University of Cagliari and CRENoS	Leveraging the Twin Transition: The Impact of Green and Digital Projects on Firms' Performance
Gianluca Biggi[1], Andrea Mina[1,2], Federico Tamagni[1] [1]Sant'Anna [2] University of Cambridge	Firm Financial Constraints of the "Twin Transition"

G02–01: The Geography of Science and Innovation
Wed, 28 January, 14:15–16:15 – Seminar Room 416
Chair: Ruveyda Gozen

Francesco Castellano[1], Andrea Filippetti[2], Antonio Zinilli[2] [1]University of Rome La Sapienza,[2]National Research Council	The geographic pattern of the innovation process over forty years of patenting in mRNA COVID-19 vaccines
Tingting Liu[1], Deyu Li[1], Kerstin J. Schaefer[1,2] [1]Utrecht University [2]Leibniz University	Regional knowledge composition and the location choice of Big Tech's offshore R&D in Europe
Sarah Ferreira[1], Renato Garcia[2], Veneziano Araujo[3], Ernest Miguelez[4] [1]University of Cote D'Azur, [2]University of Campinas, [3]Federal University of Sao Paulo, [4]University of Barcelona	Bridging university and industry: learning by hiring,collaboration with gatekeepers and its effects on patenting

Esther Boler[1], Ruveyda Gozen[2], Ralf Martin[1], Maxwell Read[3] [1]Imperial College,[2]Cardiff Business School, [3]London School of Economics	Innovation in Isolation? The Effects of Brexit on Patenting in the UK
Petrik Runst, Alexander Kopka Thünen Institute of Rural Economics	Extending the Proximity Framework: Institutional, Linguistic and Cultural Dimensions of Interregional Co-Patenting

G05–02: Economic Complexity and Regional Diversification
Wed, 28 January, 14:15–16:15 – Seminar Room 417
Chair: Viktor Stojkoski

Viktor Stojkoski[1,2], Cesar Hidalgo[2,3] [1]University Ss. Cyril and Methodius, [2]Corvinus University of Budapest [3]Toulouse School of Economics	Optimizing Economic Complexity
Dario D'Ingiullo[1], Adriana C. Pinate[2], Davide Quaglione[1] [1]University "G. d'Annunzio",[2]Gran Sasso Science Institute	Economic complexity of Italian provinces: The role of relational, institutional and cognitive proximity
Elina Amurlayeva, Kuanysh Zhaikov Desht Lab Ltd.	Economic Complexity for Subregional Development: a case of Kazakhstan
Cesar Hidalgo[1], Viktor Stojkoski[2] [1]Toulouse School of Economics, [2]Ss. Cyril and Methodius University	The Theory of Economic Complexity
Felipe Smolski[1], Janaina Ruffoni[1], Suelene Mascarini[2] [1]Unisinos University, [2]University of Campinas	Regional Determinants of Economic Complexity: An Empirical Analysis of Brazil, 2004–2020

G08–02: Innovation in Developing and Emerging Economies
Wed, 28 January, 14:15–16:15 – Seminar Room 208
Chair: Çiğdem Ekiz

Rituparna Chatterjee, Ipsita Roy National Institute of Technology Rourkela	Firm-level determinants of academia-industry collaborations in India: The role of geographic proximity, academic partner quality and IPR
Çiğdem Ekiz[1,2], René Belderbos[1,3,2], Nanditha Mathew[1,4,5] [1]UNU-MERIT, [2]Maastricht University, [3]KU Leuven, [4]UNU-CRIS, [5]Vrije Universiteit Brussel	Buyer-Supplier Interactions, R&D Spillovers and Firm Productivity
Steffen Bauerochse, Prof. Ingo Liefner Leibniz University Hannover	Mapping the development and scaling of Advanced Frugal Innovation: Actor networks and process structures in South Indian Start-ups
Nanditha Mathew[1], Emanuele Pugliese[2] [1]UNU-CRIS, [2]UNU-MERIT	The Less-than-One-Percent: How a Few Firms Shape Regional Capabilities

G10–01: Geography of Sustainability Transitions
Wed, 28 January, 14:15–16:15 – Room V
Chair: Peter Mulder

Babusi Ngwenya University of Stavanger	Towards Regionalising Battery Value Chains: A Critical Assessment of Complementarities Formation for Lithium-ion Batteries Production in the Nordics
Sacha den Nijs[1], Mark Thissen[2] [1]TNO, [2]PBL	Enhancing Regional Resilience for Energy Price Shocks: Efficient Gas Use and Upstream Decarbonization
Sebastian Schmidt[1,2,3], Devika Jain[4], Johannes Dahlke[5,6,3], Jan Kinne[3,7,4], Robert Dehghan[3,8], Shaily Gandhi[2], S.V. Subramanian[4] [1]University of Salzburg, [2]IT:U Austria. [3]ISTARI.AI, [4]Harvard University, [5]University of Twente, [6]ETH Zurich,[7]Center for European Economic Research, [8]University of Mannheim	Relating corporate sustainability engagement with environmental quality: Empirical evidence from India using web text mining and Earth Observation data

Ágnes Szunomár[1], Anastas Vangeli[2] [1]Corvinus University, [2]University of Ljubljana	Electric Vehicles and Globalization Rewired: Pericentric Perspectives from Central and Eastern Europe
Peter Mulder TNO Netherlands Organisation for Applied Scientific Research	Unequal Net Benefits of Energy Efficiency Technology Adoption across Heterogeneous Households: A Microsimulation Analysis for the Netherlands

G12–01: Clusters and Innovation Ecosystems
Wed, 28 January, 14:15–16:15 – Room VII
Chair: Ugo Fratesi

Senlin Hu[1], Chris Brueck[2], Dr. Marion Weissenberger-Eibl[2,3] [1]East China Normal University, [2]Fraunhofer Institute for Systems and Innovation Research ISI, [3]Karlsruhe Institute of Technology	The state-directed organization of the digital innovation ecosystem in Hangzhou (China)
David Charles Northumbria University	Prospects for frontier technology ecosystems in lagging regions
Ugo Fratesi, Pietro Vicari Politecnico di Milano	Firm Interactions and Potential Ecosystems: A Bottom-Up Approach to Territorial Network Analysis

G15–02: Skills, Labor Markets, and Mobility
Wed, 28 January, 14:15–16:15 – Room X
Chair: Zoltán Elekes

Yifan Tian Bocconi University	Involuntary Mobility and Working Productivity: Evidence from the Mass Layoffs in the United States
Zoltán Elekes[1,2], Martin Henning[3], Rikard Eriksson[2] [1]ELTE KRTK, [2]Umeå University,[3]University of Gothenburg	Local labour market push

László Czaller Corvinus University, ELTE KRTK	Spatial differences in skill requirements
Suelene Mascarini[1], Milene Tessarin[2] [1]UNICAMP,[2]EC Joint Research Centre	Unveiling the Effects of Worker Mobility on Regional Diversification
Zoltán Elekes[1,2], Gergő Tóth[2,1], Rikard Eriksson[2], Dieter Kogler[3] [1]ELTE KRTK, [2]Umeå University [3]University College Dublin	Segmented inter-occupation labour flows and the related diversification of regions

G21–01: Multinational Enterprises, International Trade, and Foreign Investments
Wed, 28 January, 14:15–16:15 – Seminar Room 203
Chair: Andrea Ascani

Andrea Ascani[1], Alberto Radici[2], Augusto Cerqua[2] [1]GSSI [2]Sapienza University of Rome	Strategic asset-seeking FDI, technological sovereignty and EMNE acquisitions in OECD target firms
Chiara Alaimo[1], Amedeo Argentiero[2] [1] UNINT Roma [2]Università degli Studi di Salerno	Disentangling the Role of Green Investments in Renewable Energy Production: A Comparative Analysis Between FDIs and Domestic Investments
Enrico Bergamini[1], Francesco Quatraro[2], Alessandra Scandura[2] [1]Uninversity of Milan Bicocca, [2]University of Torino	Recombinant novelty and Foreign Direct Investments: evidence from European Regions
Jacopo Canello, Gianluca Capone, Cristina Re University of Parma	Regional Windows of Opportunity in GVCs: The Impact of Inward FDI on Local Subcontractors' Upgrading

G23–01: Digitalization and Platformization
Wed, 28 January, 14:15–16:15 – Seminar Room 209
Chair: László Szerb

László Szerb[1,2], Zoltán Ács[2,3], Esteban Lafuente[4,2], Stefan Apostol[2], Judit Szakos[2] [1]University of Pécs, [2]Modul University,[3]George Mason University,[4]Costa Rica Institute of Technology	The Digital Entrepreneurship Ecosystem Index: Concept and measurement
Sylvain Dejean[1], Calum Robertson[1], Raphael Suire[2] [1]La Rochelle University, [2]Nantes University	A "Sharing" Economy? Evidence of who benefits from Airbnb income
Stefania Scrofani[1], Andrea Mina[1,2], Elena Cefis[3,1] [1]Sant'Anna School of Advanced Studies,[2]University of Cambridge,[3]University of Bergamo	The Geography of Digitalization in Italian Public Administration
Stefan Apostol Modul University Vienna	Measuring and optimizing Digital Entrepreneurial Ecosystems: Insights from the DEE Index and the Benefit of the Doubt approach

S08–02: Geographies of Skilled Migration, Innovation and Knowledge Diffusion
Wed, 28 January, 14:15–16:15 – Seminar Room 425
Chair: Ernest Miguelez

Nur Merve Kilickan[1], Koenig Johannes[2], Burcu Özgün[1,3] [1]University of Kassel, [2]IAB Institute for Employment Research, Saarbruecken, Germany. [3]3Utrecht University	Signing away a career? Academic careers under political pressure
Andriy Romanyuk, Francesco Lissoni Université de Bordeaux	Stay rates and careers of foreign doctorate recipients from Dutchuniversities: A bibliometric analysis

Alberto Corsini[1], Laura Cruz[1], Catalina Martínez[1], Ernest Miguelez[2], Luis Sanz[1] [1]CSIC [2]University of Barcelona	Scientific migration in the aftermath of the Great Recession: evidence from Spain

S14–02: The Geography of Innovation in a Digital Economy
Wed, 28 January, 14:15–16:15 – Seminar Room 415
Chair: Mercedes Delgado, Frank Neffke, Johannes Wachs

Ekaterina Prytkova[1], Fabien Petit[2,3], Deyu Li[4], Sugat Chaturvedi[5], Tommaso Ciarli[6,7] [1]University Côte d'Azur, [2]University of Barcelona. [3]UCL, [4]Utrecht University,[5]Indian Institute of Technology, [6]UNU-MERIT [7]University of Sussex	The Employment Impact of Emerging Digital Technologies
Anna Giabelli[1], Ekatarina Prytkova[2], Fabien Petit[3,4], Tommaso Ciarli[5,6] [1]Istituto Mario Negri, [2]Cote d'Azur University, [3]University of Barcelona, [4]UCL-CEPEO, [5]UNU-MERIT, [6]SPRU	Advertised Technologies: Identifying Adoption of Emerging Technologies in Online Job Postings
Han Chu, Robert Hassink Kiel University	Digital Creativity, Regional Innovation: Unpacking the Geographies of Platform-Based Cultural Production
Simone Daniotti[1,2], Johannes Wachs[3,4,2], Xiangnan Feng[2], Frank Neffke[2] [1]University of Utrecht,[2]Complexity Science Hub,[3]Corvinus University, [4]ELTE KRTK	Who is using AI to code? Global diffusion and impact of generative AI

S16–02: Framing Innovation: Media and the Spatial Dynamics of Change
Wed, 28 January, 14:15–16:15 – Seminar Room 426
Chair: Tom Broekel

Jeana Ren[1], Tom Broekel[2], Jessica Birkholz[3] [1]Technical University of Munich,[2]University of Stavanger [3]University of Bremen	Local Moods and Stocks Move: Introducing the LocationSentiment Effect

Evert Meijers, Martijn Smit, Callista Guillanneuf Utrecht University	Shaping Perceptions, Shifting Populations: Sentiment Analysis of Places in News Media and its' impact on Spatial Behaviour
Alexandra Badort[1], Johannes Dahlke[2] [1]LUISS Guido Carli,[2]University of Twente	Firm AI Adoption and Public AI Discourse: Regional Insights from Germany
Kai-Ti Wu[1,2], Maria Tsouri[3] [1]Humboldt University of Berlin,[2]European Citizen Science Association, [3]Western Norway University of Applied Sciences	How Do People's sentiments and well-being influence tourism and local economic development in Freshwater Ecosystems? Evidence from Germany

S17–02: Global and Local Supply Chains
Wed, 28 January, 14:15–16:15 – Seminar Room 418
Chair: Erik Braun

Zoltán Gál[1,2], Bennour Med Hsin[1] [1]University of Pécs, [2]ELTE KRTK	Structural challenges and GVC positions in FDI dependent economies: Insights from the V4 regions
Roberto Antonietti[1], Davide Consoli[2], Pietro Luzzago[1] [1]University of Padova, [2]INGENIO	The occupational effect of global defragmentation
András Gyimesi[1,2], Dóra Longauer[1], Tamás Sebestyén[1], Erik Braun[1] [1]University of Pécs [2]ELTE University	Dual Economies: The Barrier to Long-term Convergence in Productive Efficiency
Vieri Calogero, Laura Resmini, Enrico Bergamini University Milano Bicocca	UP the Smile Curve: What Advantages for European Regions?
Sham-Una Yakubu, Jun Du, Oleksandr Shepotylo, Angelos Theodorakopoulos Aston University	Semiconductors and Vehicle Exports: Evidence from Global Value Chains and Pandemic-Era Supply Disruptions
Sándor Juhász[1,2], Erik Braun[3], Tamás Sebestyén[3] [1]Corvinus University, [2] ELTE KRTK, [3]University of Pécs	Enhancing export performance of domestic firms through supplier connections to multinational enterprises

S25–02: Knowledge Flows across the Borders for the Green and Digital Transition

Wed, 28 January, 14:15–16:15 – Room VI

Chair: Michela Bello

Michela Bello[1], Davide Castellani[2], Giacomo Damioli[3,4], Giovanni Marin[5,6,7], Sandro Montresor[8], Panagiotis Ravanos[1] [1]EC Joint Research Centre, [2] University of Reading, Reading, [3]University of Strasbourg, [4] University of Modena and Reggio Emilia, [5]University of Urbino Carlo Bo, [6]SEEDS, [7]FEEM, [8] University of Trento	What drives twin inventions? Evidence from the EU
Andrea Ascani, Stefano Basilico, Giulia Martinelli, Alberto Marzucchi Gran Sasso Science Institute	Twin transition in regions, FDI and export
Longbin Geng[1], Rasmus Lema[2], Sebsitian Losacker[3] [1]UNU-MERIT, [2]University of Johannesburg, [3]Justus-Liebig-Universität	Regional Networks and the Diffusion of Twin Transition Technologies in China
Patrizia Casadei[1], Riccardo Crescenzi[1], Simona Iammarino[2,1] [1]LSE [2]University of Cagliari	Global value chains and the twin transition: The case of the pasta sector

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P1: EURADA-ULB Policy Panel

Wed, 28 January, 16:45–18:45 – Room XI (Building C - "Rudolf Andorka Auditorium")

Chair: Bruno van Pottelsberghe

Raquel Ortega-Argiles[1], Philip McCann[1], Mark Thissen[2], Ming-Wei Hsu[1] [1]University of Manchester[2]PBL	Mission-Led Industrial Policy and UK and European Regional Shocks Evidence in the Age of Mercantilism
Cesar Hidalgo TSE, Corvinus University of Budapest	Learning from Successes and Failures, from Ecuador and Zhonguancun

Francesco Molica[1,2], Francesco Cappellano[3], Teemu Makkonen[4] [1]Université libre de Bruxelles, EURADA, [3]University of Kiel,[!]University of Eastern Finland	Rethinking Regional Innovation Systems in the Age of Deglobalization: Towards a New Theoretical Framework
Alexander Lembcke OECD	New momentum or same old? How can we raise competitiveness, growth and territorial cohesion?
Anabela Santos[1], Francesco Molica[1,2], Andrea Conte[3] [1]Université libre de Bruxelles, [2]EURADA, [3]EC Joint Research Centre	Geography of Strategic Autonomy in the EU: Innovation, Policy and Production Capacity

G02–02: The Geography of Science and Innovation
Wed, 28 January, 16:45–18:45 – Seminar Room 416
Chair: Zhixuan Li

Zhixuan Li, Becky P.Y. Loo The University of Hong Kong	Asymmetric and Multiple Barriers to Global Knowledge Spillovers: Evidence from Patent Citations in the Electric Vehicle Industry
Theresa Bürscher, Katharina Jäger, Martina Neuländtner, Thomas Scherngell Austrian Institute of Technology	Inventive Spillovers to the Green Transition: Evidence from Regional Trademarks
Salvatore Viola, Rosina Moreno, Ernest Miguelez Universitat de Barcelona	From Disaster to Discovery: Regional Responses to Climate Shocks in Science and Innovation
Fernanda Sperotto[1], Mariane Françoso[2], Iván Tartaruga[1] [1]University of Porto, [2]São Paulo State University	Mapping the Knowledge Landscape of Green Technologies in Agricultural Decarbonization

G07–01: Innovation in Peripheral Regions
Wed, 28 January, 16:45–18:45 – Seminar Room 208
Chair: Markus Grillitsch

Markus Grillitsch[1], Rhiannon Pugh[1], Michal Miedzinski[2], Simone Sasso[2] [1]Lund University, [2]EC JRC	Varieties of innovation and transition pathways in rural areas: A theoretical perspective to technology-, community-, and nature-based development
Raj Kharel[1], Rune Dahl Fitjar[1], Andres Rodríguez-Pose[2,1] [1]University of Stavanger,[2]LSE	Does cognitive centrality substitute investment? Analyzing returns on R&D Investments in central and peripheral regions of Europe
Jakob Hoffmann, Johannes Glückler LMU	Does controversial innovation flourish in the periphery? (Re)examining the case of BASF
Yannick Eckhardt, Johannes Glückler LMU	Controversial Innovation and Peripheral Opportunity: Introducing the Spatial Pocket of Innovation Framework through the Case of Carbon Removal in Iceland
Paula Prenzel[1], Tillmann Meisel[2] [1]University of Kaiserslautern,[2]University of Greifswald	Discontent with change? Survey-based evidence on societal evaluation of transformation processes in German regions

G10–02: Geography of Sustainability Transitions
Wed, 28 January, 16:45–18:45 – Room V
Chair: Etienne Capron

Etienne Capron[1], Guillaume Denos[2], Mathias Guérineau[3] [1]CNRS - Paris Dauphine, [2]University of Angers, [3]Nantes University	Cooking for transitioning : a study of social restaurants scaling
Charlotte Lobensteiner Justus Liebig University	The geography of power in transition work: insights from the bio-based construction sector in South Westphalia, Germany

Peter Mulder[1,2], Francesco Dalla Longa[1,3] [1]TNO Netherlands Organisation for Applied Scientific Research [2]Utrecht University, [3]University of Amsterdam	Operationalizing Just Transition: A Data-Driven Framework for Assessing Household Vulnerability to Climate Change and the Green Transition
Theresa Bürscher, Katharina Jäger, Martina Neuländtner, Thomas Scherngell Austrian Institute of Technology	Exploring regional twin transition paths with an empirical agent-based model on knowledge creation
Till Beer, Christian Binz Eawag	Multi-scalar resource mobilization for transformative change – The case of the 15-minute city

G15–03: Skills, Labor Markets, and Mobility
Wed, 28 January, 16:45–18:45 – Room X
Chair: Jacob Rubæk Holm

Jacob Rubæk Holm Aalborg University	How skill diversity facilitates technological change and predicts individual labor market outcomes
Gergő Tóth[1,2], Zoltán Elekes[1,2], Rikard Eriksson[1] [1]Umea University, [2]ELTE KRTK.	Decoding skill-relatedness: noise and signals in labour mobility
Rolf Sternberg[1], Anne Otto[2], Louis Knüpling[3] [1]Leibniz University Hannover, [2] RFN IAB, [3]Utrecht University	Spatial patterns of skill-driven internal migration: Changes before, during and after the pandemic
Zihan Wang, Phil Tomlinson, Mariachiara Barzotto, Felicia Fai University of Bath	Beyond Relatedness: Skill Unrelatedness and Regional Diversification in UK Left-behind Regions
Dennis Knobe RPTU Kaiserslautern-Landau	Spatial Disparities of Skill Shortages in an Ageing Public Labour Force: an Analysis of Public Sector Employees in German Municipalities

G23–02: Digitalization and Platformization
Wed, 28 January, 16:45–18:45 – Seminar Room 209
Chair: Jerome Vicente

Sneha Pemalaputhen Marydas[1,2], Nanditha Mathew[3,1], Carlo Pietrobelli[1,4], Giordano De Marzo[5] [1]UNU-Merit,[2]Maastricht University, [3]UNU-CRIS, [4]Universita de Roma tre, [5]University of Konstanz	Digital Technologies, Hiring, Training, and Firm Outcomes: Evidence from AI and ICT Adoption in Indian firms
Simona Ciappei, Camilla Lenzi Politecnico di Milano	The geographies of platform workers: a socio-spatial inquiry
Eva Coll Martinez[1], Joan Crespo[2], Jerome Vicente[1] [1]University of Toulouse, [2]University of Valencia	Industrial digital platforms and the future of clusters: How do spatial and digital affordances interact?
Martijn Smit Utrecht University	The dark side of remote working
Genghao Zhang, Emmanouil Tranos, Rui Zhu University of Bristol	Relatedness Density Facilitates Diffusion and Concentration of Artificial Intelligence Technologies: Firm-Region and Skill-Industry Dynamics in Britain
Enrico Fenoaltea[1], Dario Mazzilli[1], Aurelio Patelli[1], Angelica Sbardella[1], Andrea Tacchella[1], Andrea Zaccaria[2] [1]Enrico Fermi Research Center, [2]Institute of Complex Systems	Follow the money: a startup-based measure of AI exposure across occupations, industries, and regions

S04–01: How Can New Innovation Metrics Inform Science, Technology, and Innovation (STI) Policymaking?
Wed, 28 January, 16:45–18:45 – Seminar Room 426
Chair: Emanuele Pugliese

Giambattista Albora, Robert Marschinski, Bernardo Caldarola EC Joint Research Centre	EU Competitiveness in Net-Zero Technologies: Insights from Patents and Economic Complexity

Francesco de Cunzo, Aurelio Patelli, Angelica Sbardella, Andrea Tacchella Enrico Fermi Research Center	The Functional Role of Critical Raw Materials in Technological Innovation
Giacomo Lo Conte[1], Carla Sciarra[2], Lorenzo Napolitano[2], Dario Diodato[2], Bernardo Caldarola[2], Giambattista Albora[2] [1]University College Dublin, [2]EC JRC	Related or Exposed? A Shift-Share Approach to Relatedness Density
Yang Li[1], Frank Neffke[2] [1]Nanchang University, [2]Complexity Science Hub	Green Building Blocks Reveal the Complex Anatomy of Climate Change Mitigation Technologies
Jorge Valverde-Carbonell[1,2], María de las Mercedes Menéndez[1,3] [1]Maastricht University, [2]University of Chile, [3]WIPO	Global Collaboration Networks and Green Transition in Latin America

S08–03: Geographies of Skilled Migration, Innovation and Knowledge Diffusion
Wed, 28 January, 16:45–18:45 – Seminar Room 425
Chair: Andrea Morrison

Wenli Ding[1], John Cantwell[1], Lucia Piscitello[2] [1]Rutgers Business School, [2]Politecnico di Milano	Migrants and Technological Specialization in the US regions
Lena Füner[1,2,3], Elisa Rodepeter[1,3], Simona Murmann[1] [1]ZEW-Leibnitz Center for European Economic Research, [2]IAB [3]TU Munich	The Price of a Name: Evidence of Credit Discrimination Against Immigrant Entrepreneurs
Zenne Hellinga[1], Andrea Morrison[2], Stefano Breschi[3] [1]Utrecht University, [2]University of Pavia,[3]Bocconi University	From Immigrant to Inventor
Rahmi Can Yamanoglu, Gloria Cicerone, Alessandra Faggian Gran Sasso Science Institute	Gender and Innovation: Do Women Inventors Prefer Certain Locations?

S15–01: Mapping the Geography of Innovation—Novel Data Sources and Methods
Wed, 28 January, 16:45–18:45 – Seminar Room 417
Chair: Milad Abbasiharofteh

Milad Abbasiharofteh[1], Knut Blind[2], Jan Kine[3] [1]Aalborg University, [2]Fraunhofer ISI, [3]Istari	Who Adopts Information Security Management Systems? A Spatio-relational Perspective on Cybersecurity Standards
Eleni Oikonomaki[1,2], Dimitris Belivanis[3], Christina Kakderi[2] [1]UC Berkeley, [2]Aristotle University of Thessaloniki, [3]Alum Standford University	LID Framework: A new method for geospatial and exploratory data analysis of potential innovation determinants at the neighbourhood level
Kerstin Schaefer[1,2], Lennart Schott[2] [1]Utrecht University, [2]Leibniz University	Data for researching the Geography of (Tech) Standardization
Bohao Su[1], Mattie S. Landman[2], Laura Mazzarino[1], Neave O'Clery[1,2] [1]UCL, [2]University of Oxford	Tracking Technology Evolution Across Countries:A Retention-Based Comparative Analysis of Technology Networks
Gianluca Biggi[1], Martina Iori[2], Francesco Lamperti[1], Giorgio Tripodi[3] [1]Sant'Anna , [2]Università Cattolica del Sacro Cuore, [3]Northwestern University	Mapping Negative Emissions: A Geographic Perspective on Carbon Dioxide Removal Technologies
Bence Kollányi[1], Johannes Wachs [2,3,4] [1]ELTE TK [2]Corvinus University, [3]ELTE KRTK [4]Complexity Science Hub	Argonauts on the Digital Sea: Using Large Language Models to Expand the Scope of Geocoding

S23–01: Bridging Geography and Machine Learning: New ways to analyze the Geography of Innovation, and Entrepreneurship
Wed, 28 January, 16:45–18:45 – Seminar Room 415
Chair: Katarzyna Kopczewska

Katarzyna Kopczewska[1], Martin Andersson[2], Zehra Usta[1], Maria Kubara[1] [1]University of Warsaw, [2]Blekinge Institute of Technology	Technological drivers of innovativeness: Asymmetric relations of patent activity in spatio-temporal clusters in the UK in 1980-2015
Zi Ye, Susann Schäfer Heidelberg University	Digital Entrepreneurial Ecosystem Networks Using Web-based Data and Deep Learning: Evidence from Beijing and Shanghai
Matteo Straccamore[1,2], Andrea Tacchella[1] [1]Centro Ricerche Enrico Fermi, [2]Sony CSL	Mapping Regional Sustainability Potential through LLM-based Patent--BREF Matching
Simone Vannuccini[1], Taekyun Kim[2], Gabriela Fuentes[1] [1]University Cote d'Azur,[2]Chungnam National University	When Robots Met Language (Models):An exploration of science and strategy in the vision-language-action models space
Bennour Mohamed Hsin University of Pécs	Regional Potential and Friction for technological diversification: A Machine Learning Frontier approach

S24–01: The Geography of Artificial Intelligence
Wed, 28 January, 16:45–18:45 – Room VII
Chair: Carolina Castaldi, Fulvio Castellacci, Johannes Dahlke

Carolina Castaldi[1], Fulvio Castellacci[2], Andrea Fronzetti Colladon[3], Francesco Venturini[4] [1]University of Utrecht, [2]University of Oslo, [3]University of Rome III,[4]University of Urbino	Riding the AI Wave? The Role of Knowledge Spillovers for AI Innovations
Simone Daniotti[1], Frank Neffke[2] [1] Utrecht University, Utrecht, Netherlands. [2] CSH Vienna, Vienna, Austria	Mapping the Geography of Generative AI Usage: Tasks, Capabilities, and Diffusion Patterns
Rafael de la Vega[1,2], Florencia Jaccoud[1,3], María de las Mercedes Menéndez[1,4], Cecilia Seri[1], Tommaso Ciarli[1] [1]UNU-MERIT, [2]UNIDO, [3]Camerino University, [4]WIPO	Skills and AI Innovative Ecosystems: Evidence from Brazilian Microregions

Johannes Dahlke[1], Nils Grashof[2], Alexander Kopka[3] [1]University of Twente, [2]Friedrich Schiller University [3]Thünen Institute of Rural Economics	Knowledge Integration Patterns in AI: A Firm-level Taxonomy and Performance Implications

S25–03: Knowledge Flows across the Borders for the Green and Digital Transition

Wed, 28 January, 16:45–18:45 – Room VI

Chair: Roberta Rabellotti

Roberta Rabellotti[1], Andrea Morrison[1], Emanuele Forlani[1], Federico Colozza[1], Peter Harasztosi[2] [1]University of Pavia, [2]EIB	Green Investments in the Age of the Twin Transition: The Role of Digital Capabilities and International Linkages
Chiara Burlina[1], Roberto Antonietti[1], Alessandra Lanza[2] [1]University of Padova,[2]Prometeia	Does it pay to be green and digital? An empirical investigation on Italian companies
Milad Abbasiharofteh[1], Roberto Antonietti[2], Sandro Montresor[3] [1]AAlborg University, [2]University of Padova,[3]University of Trento	Tied for the twin transition: investigating the digital layer of Italian manufacturing firms
Alice Bertoletti[1], Martin Cimiterra[2], Francesco Lelli[2], Sandro Montresor[2] [1] EC JRC, [2]Università degli studi di Trento	Universities as Drivers of Green-Digital Innovation: an analysis of European regions
Mabel Sanchez Barrioluengo[1], Dioni Elche[2], Davide Consoli[3] [1]University of Manchester, [2]Universidad Castilla La Mancha, [3]Ingenio	Responsible Digitalization and Innovation Performance in Manufacturing

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DAY 2

Keynote Lecture #2

Thu, 29 January, 09:00–10:30 – Room XI (Building C - "Rudolf Andorka Auditorium")

Chair: Iris Wanzenböck

Luisa Gagliardi Bocconi University	The Micro-Geography of Entrepreneurship in Unequal and Evolving Cities
Lee Fleming University of California, Berkley	Revisiting Marshall: New Causal Evidence and Mechanisms

G01–01: Universities and Regional Innovation Systems

Thu, 29 January, 11:15–13:15 – Seminar Room 203

Chair: Holger Graf

Hiroyuki Okamuro[1,2], Junichi Nishimura[3], Taiyo Nakatani[4] [1]Komazawa University,[2]Hitotsubashi University, [3]Gakushuin University, [4]Shiga University	The Role of Japanese National Universities in Regional Productivity and Innovation: The Impacts of Undergraduate and Graduate Course Education
Nils Grashof, Holger Graf Friedrich Schiller University	The Role of Universities in shaping Regional Innovation Ecosystems
Klara Jungkunz, Johannes Glückler LMU	From Ivory Tower to Factory Floor: Measuring the Regional Outcomes of University-related Innovation
Guido Bünstorf[1], Alana Hindiyeh[1], Liam Paul Neumann[1], Burcu Ozgun[2,1] [1]University of Kassel, [2]Utrecht University	Do University Sustainability Profiles Drive Transformative Knowledge Transfer? Evidence from Germany

G02–03: The Geography of Science and Innovation

Thu, 29 January, 11:15–13:15 – Seminar Room 416

Chair: Luca Gallo

Anthony Frigon HEC Montréal	The Sources of Technological Complexity in Regions
Joris Knoben[1], Daniel Speldekamp[2], Frank van Oort[3] [1]Tilburg University, [2]Groningen University,[3]Erasmus University	Global or Regional Pathways in Agglomeration and Firm-level Innovation?

John Cantwell[1], Lucia Piscitello[2], Jessica Salmon[3] [1]Rutgers Business Schoo,[2]Politecnico di Milano, [3]Siena College	Technological and spatial dimension of knowledge complexity: the dual role of ICTs
SeungHwan Kim[1], Jong Hyun Kim[2] [1]Toulouse School of Economics[2]Research Center for Small Businesses Ecosystem	Real Estate Gains, Innovation Losses? The Commuting Paradox in the Seoul-Incheon Tech Corridor
Luca Gallo[1], Riccardo Di Clemente[2,3], Balazs Lengyel[1,4] [1] Corvinus University, [2] Northeastern University London,[3]ISI Foundation, [4] ELTE KRTK	Polarization and integration in global AI research

G03–01: Social Capital, Institutions and Innovation
Thu, 29 January, 11:15–13:15 – Seminar Room 209
Chair: Martina Pardy

Mario Daniele Amore[1], Giacomo Domini[2], Samuele Murtinu[2] [1]Bocconi University, [2]Utrecht University	Radical political ideology and entrepreneurship: Evidence from twentieth-century Italy
Lubani Nondo, Silvia Rocchetta, Robert Gillanders Dublin City University	Corruption and Innovation in the European Union: A Regional Analysis
Ingrid Ott[1,2,3], Susanne Soretz[4] [1]Karlsruhe Institute of Technology [2]Institute for the World Economy, [3]CESifo,[4]University of Greifswald	Geography of Trust, Commitment, and Green Innovation: A Political Economy Perspective on Global Public Goods
Martina Pardy[1], Neil Lee[1], Simona Iammarino[2], Husam Arman[3], Ahmad Shareef[3] [1]LSE [2]University of Cagliari, [3]Kuwait Institute for Scientific Research	Sovereign wealth funds and national economic development: A global overview of ‘strategic investment funds’

G10–03: Geography of Sustainability Transitions
Thu, 29 January, 11:15–13:15 – Room V
Chair: Andrea Ganzaroli

Andrea Ganzaroli, Elena Vavilova, Calvin Adriel Sulistio University of Padua	Mapping AI-Based Sustainability Technologies in Europe: Regional Specialisation, Collaboration, and Policy Implications
Tobias Albrecht Universitat de Barcelona	Is Smart Specialisation a Catalyst for Green Innovation? Evidence from European Regions
Amit Farag[1], Odelia Oshri[1], Itay Fischhendler[2] [1]Hebrew University of Jerusalem [2]Jerusalem	Exploring the Transition-Democracy Nexus: A Temporal-Analytical Framework

G13–01: Innovation Policies for Regions and Countries
Thu, 29 January, 11:15–13:15 – Room VI
Chair: Elvira Uyarra

Corinne Autant-Bernard[1], Paul Charruau[1], Frédéric Perrin[2] [1]University of Saint-Etienne,[2]Auvergne Rhone-Alpes Region	Quantitative evaluation of place-based policy-mixes: Lessons from a French regional innovation policy
Julia Bachtrögler-Unger[1], Fabian Gabelberger[1], Anabela Marques Santos[2], Mathieu Doussineau[3] [1]WIFO, [2]EC JRC [3]European Future Innovation System Centre	When cohesion meets excellence: analysing the drivers of synergies between EU R&I funding instruments in EU regions
Thomas Brenner, Felix Schmidt Marburg University	Absorptive Capacity and Economic Freedom Modulating the Effects of Regional Policy on the Economy
Elvira Uyarra[1], Rick Delbridge[2], Kevin Morgan[2], Katherine Parsons[2], David Waite[3] [1]University of Manchester, [2]Cardiff University, [3]University of Glasgow	Balancing Innovation Paradigms: Place-Based Approaches to Inclusive Innovation Policy in UK City Regions

G15–04: Skills, Labor Markets, and Mobility
Thu, 29 January, 11:15–13:15 – Room X
Chair: László Lőrincz

Stefan Buechele[1], Matthias Huegel[1], Valon Kadriu[1], Johannes Koenig[1,2] [1]University Kassel, [2]IAB	Two Worlds, One Degree? Analyzing Career Trajectories from Private and Public PhD Graduates.
Chungeun Yoon[1], Hyo Kang[2] [1]KDI School of Public Policy and Management, [2]Seoul National University	Cross-border Visits and Scientific Collaboration
Anne Otto[1], Johannes Koenig[2] [1]IAB. [2]University of Kassel	Staying In Germany after the Doctorate. Regional and Sectoral Mobilities and Career Outcomes of Foreign Postdocs.
Kinga Varga[1], Bence Kollányi[2], Johannes Wachs[3] [1]ELTE KRTK, [2]ELTE TK [3]Corvinus University	Rates and Correlates of High-skilled Return Migration
László Lőrincz[1,2], Virág Ilyés[1,2], Kinga Varga[1], Károly Miklós Kiss[3] [1]ELTE KRTK [2]Corvinus University, [3]University of Pannonia	Exploring Gender and Geographic Wage Inequalities Based on Career Sequences

S01–01: Innovation Ecosystem for Smart City Development: Rethinking Collaboration for Sustainable Urban Futures
Thu, 29 January, 11:15–13:15 – Seminar Room 208
Chair: Silvia Rita Sedita

Silvia Rita Sedita[1], Anete Alberton[2], Franco Gatti[1] [1]University of Padova, [2]Universidade do Vale do Itajaí	No Place for People? The Social Blind Spot in Smart City Innovation Ecosystems
Federica Ceccon, Andrea Ganzaroli University of Padova	Smart cities and festivals: Culture as a tool for urban regeneration
Muhammad Irfan Shakir, Silvia Rita Sedita, Amir Maghssudipour University of Padua	Understanding Citizens' Participation in Renewable Energy Communities in Italy: An

	Extended Framework of the Theory of Planned Behaviour
Leandry Jieutsa University of Montréal	Governance of urban AI: Ecosystemic dynamics, power asymmetries, and institutional complexity in small municipalities

S04–02: How Can New Innovation Metrics Inform Science, Technology, and Innovation (STI) Policymaking?

Thu, 29 January, 11:15–13:15 – Seminar Room 426

Chair: Sergio Palomeque

Carlos Bianchi[1], Ron Boschma[2], Pablo Galaso[1], Sergio Palomeque[1] [1]Universidad de la República,[2]Utrecht University	Cities' knowledge base: local absorptive capacities and external knowledge complementarity
Ulrich Schetter[1], Dario Diodato[2], Eric Protzer[3], Frank Neffke[4], Ricardo Hausmann[3] [1]University of Pavia, [2] EC JRC, [3]Harvard University, [4]Complexity Science Hub	From Products to Capabilities: Constructing a Genotypic Product Space
Alessio Bumbea[1,2], Andrea Mazzitelli[1], Emanuele Pugliese[2] [1]Universitas Mercatourm,[2]UNU-MERIT	The Impact of Smart Specialization Strategies onSteering Innovation: A Causal Map of EU S3Policy at the Technology Level
Christian Chacua[1], Matte Hartog[1], Ricardo Hausmann[1], Shreyas Gadgin Matha[1], Federico Moscatelli[2], Julio Raffo[2], Muhammed A. Yildirim[1,3] [1]Harvard University, [2]WIPO [3]Koc University	Combining Minds to Decode Technological Recombination and Relatedness

S08–04: Geographies of Skilled Migration, Innovation and Knowledge Diffusion

Thu, 29 January, 11:15–13:15 – Seminar Room 425

Chair: Max Nathan

Max Nathan[1,2], Guido Pialli[1], Mateo Sere[1], Anna Rosso[3], Ceren Ozgen[4], Tom Kemeny[5], Anna Valero[6,2] [1]UCL, [2]CEPR, [3]University of Insubria, [4]University of Birmingham, [5]University of Toronto, [6]LSE	Migration, innovation and productivity in UK firms and cities
Francesco Lissoni[1], Andriy Romanyuk[1], Alberto Corsini[2] [1]Université de Bordeaux,, [2]Instituto de Políticas y Bienes Públicos	The Chosen: Researcher Visas and Foreign PhD Graduates' Careers in France
Zixuan Zhang, Frank van der Wouden The University of Hong Kong	Quantifying knowledge spillovers from mobile scholars
Elisa Rodepeter[1,2], Eline Schoonjans[1] [1]Leibniz Centre for European Economic Research, [2]Technical University of Munich	Labor Blues: How Global Talent Is Distributed Among Young Firms

S10–01: Exploring the Role of Public Policies and Infrastructure in Shaping the Economic Geography of Innovation

Thu, 29 January, 11:15–13:15 – Seminar Room 418

Chairs: Enrico Vanino, Carlo Corradini

Damián Tojeiro-Rivero[1], Lorenzo Dal Maso[2], Marco M. Mattei[2] [1]Universitat Autónoma de Barcelona, [2]University of Bologna	Public Procurement, Climate Risk, and the Geography of Green Innovation in Europe
Rune Dahl Fitjar University of Stavanger	Does public R&D funding reinforce regional disparities? Exploring the changing geography of public and business R&D expenditure in Europe
Halima Jibril[1], Raquel Ortega-Argiles[2], Stephen Roper[1], Hamisu Salihu[1], Pei-Yu Yuan[2], Elvis Nyanzu[3] [1]Warwick Business School [2]The University of Manchester,[3]Oxford Brookes Business School	Bridging the Gap: Enhancing Commercialisation Pathways for Advanced Technological Innovations in the UK

Enrico Vanino[1], Carlo Corradini[2] [1]University of Sheffield, [2]Henley Business School	Exploring the link between publicly funded R&D collaborations and regional technological development
Rolf Sternberg, Christoph Friedrich, Anne-Sophie Kagel Leibniz University Hannover	Specific modes of innovations need specific innovation policies: the case of DUI innovations in lagging regions

S12–01: Big Data and Machine Learning for Economic Geography

Thu, 29 January, 11:15–13:15 – Seminar Room 415

Chair: César Hidalgo

Laura Mazzarino[1], Mattie Landman[2], Neave O'Clery[1,2] [1]UCL [2]Oxford University	Expanding the policy toolbox: A global industry space captures regional diversification paths
Christopher Esposito UCLA	Global Science Sustains U.S. Innovation
Malte Toetzke[1,2], Benedict Probst[2], Stefan Feuerriegel[3], Laura Diaz Anadón[4], Volker Hoffmann[5] [1]TU Munich, [2]Max Planck Institute for Innovation and Entrepreneurship,[3]LMU [4]University of Cambridge, [5]ETH Zurich	Analyzing the dynamics of innovation networks in climate technologies
Johannes Dahlke[1,2,3], Sebastian Schmidt[4,5,3], Umut Nefta Kanilmaz[4] [1]University of Twente,[2]ETH Zurich, [3]ISTARI.AI, [4]University of Salzburg,[5]IT:U Austria	Relational Proximity and Inter-regional Collaboration: Analyzing Regional Economic Networks Using Hyperlinks
Nils Rochowicz[1,2], Patrick Kloesel[3], Laura Menicacci[4], Dr. Nicolas Koch[3,5], Dr. Annika Stechemesser[3], Lorenzo Romero-Fernandez6[7] [1]University of Oxford,[2]Chemnitz University of Technology, Chemnitz, Germany. [3]Potsdam Institute for Climate Impact Research, [4]OECD, [5]IZA , [6]Sant'Anna, Pisa	Attributing Increases in Green Patenting to Climate Policy Mixes

S15–02: Mapping the Geography of Innovation—Novel Data Sources and Methods
Thu, 29 January, 11:15–13:15 – Seminar Room 417
Chair: Sergio Petralia

Shengjun Zhu Peking University	Face-to-face contact and university-industry collaboration: Evidence from mobile signaling data in Beijing
Dieter Franz Kogler[1], Hyunha Shin[2], Keungoui Kim[3] [1]University College Dublin, [2]National Institute of Green Technology,[3]Yonsei University	The Geography of Knowledge Externalities: Spillovers from Science to Technology
Thomas Jackson[1], Christian Schweizer[2] [1]OmegaLambdaTec GmbH, [2]Ferdinand Steinbeis Institut	Germany's Innovation Landscape: The Factors Driving Research and Development in Companies in Germany
Simone Daniotti[1,2], Matthijs Janssen[1], Iris Wanzenböck[1], Janpieter van der Pol[1] [1]Utrecht University, [2]Complexity Science Hub	Mapping Collaboration Gaps in the Dutch Agri-Food Innovation System: A Multilayer Network Approach Using Novel Web and Textual Data
Zihan Wang[1], Aniket Baksy[2], Hasan Bakhshi[3,4], Josh Siepel[1] [1]SPRU,[2]University of Melbourne, [3]Creative Industries Policy and Evidence Centre, [4]University of Newcastle	Generative artificial intelligence and demand for human creativity: evidence from job vacancy data

S24–02: The Geography of Artificial Intelligence
Thu, 29 January, 11:15–13:15 – Room VII
Chairs: Carolina Castaldi, Fulvio Castellacci, Johannes Dahlke

Anabela Santos[1], Francesco Molica[1], Andrea Conte[2], Giovanni Cerulli[3] [1]Université libre de Bruxelles. [2]EC JRC, [3]IRCrES-CNR	Effect of digital technologies and artificial intelligence funded investment on regional productivity and employment growth
Nicole Lemke, Catherine Schneider interface – Tech analysis and policy ideas for Europe	Varieties of AI factories in the European Union

David Kakanis[1,2], Erik Lang[3], Lasse B. Lien[3], Bram Timmermans[3], Jesse Weltevreden[1,2], Wilco Verdoold[1,2] [1]Amsterdam University of Applied Science, [2]RankmyAI, [3]NHH Norwegian School of Economics	THE GEOGRAPHY OF AI IN NORWAY FROM DISCOVERY TO VALUE CAPTURE
Philipp Koch[1,2], Virág Bittó[1] [1]EcoAustria, [2]Corvinus University, Budapest	How AI adoption shapes regional development through export performance
Francesco D'Alessandro[1], Enrico Santarelli[2], Marco Vivarelli[1] [1]Catholic University of the Sacred Heart,[2]University of Bologna	The interplay between Artificial Intelligence and Relatedness in shaping technological innovation: a European analysis

S28–01: Fostering Regional Resilience through Entrepreneurship

Thu, 29 January, 11:15–13:15 – Seminar Room 207

Chair: Chiara Marzocchi

Felicia Fai, Phil Tomlinson, Samantha Archard University of Bath	Supporting the seeds of regional entrepreneurship & resilience - Coworking Spaces in peripheral regions.
Adi Weidenfeld University of Kiryat Shmona in the Galilee	The Challenges of SMEs in Less Advanced Border Regions to Remain Resilient in Uncertain Geopolitical Environments
Masoumeh Ghorbani, Thomas Brenner Philipps University Marburg	Firm birth in high-tech industries during and after the 2008-2009 crisis: What regional factors became more important?

Meet the Editors

Thu, 29 January, 14:15–16:15 – Room XI (Building C - "Rudolf Andorka Auditorium")

Chair: Zoltán Elekes, ELTE KRTK & Umea University – REGION

Carolina Castaldi – Economic Geography; Industrial and Corporate Change

Camilla Lenzi – Annals of Regional Science

Dieter Franz Kogler – Regional Studies

Iris Wanzenböck – Review of Regional Research

Raquel Ortega-Argiles - Global Challenges and Regional Science

Shiri Breznitz – Progress in Economic Geography

Ugo Fratesi – Spatial Economic Analysis

G01–02: Universities and Regional Innovation Systems
Thu, 29 January, 14:15–16:15 – Seminar Room 203
Chair: Stefan Rehak

Jiří Blažek, Viktor Květoň Charles University	The role of regional governance modes and system-level agency in evolutionary paths ofregional industries
Rima Rubčinskaitė, Giedrė Dzemydaitė, Laurynas Naruševičius Vilnius University	Is it impossible for small, open economies and disadvantaged regions to produce knowledge: the case of new EU member states regions
Si Hao Li, Anne Plunket, Felipe Starosta de Waldemar Université Paris-Saclay	Co-invention and knowledge transfer in science-industry collaboration : Evidence on Recombinant Novelty
Stefan Rehak[1], Miroslav Spurek[1], Balazs Lengyel[2,3] [1]University of Economics and Business in Bratislava, [2]ELTE KRTK, [3]Corvinus University of Budapest	Urban scaling of science and innovation in European university cities

G02–04: The Geography of Science and Innovation
Thu, 29 January, 14:15–16:15 – Room VII
Chair: Andrés Rodríguez-Pose

Michael Fritsch[1], Ann-Marie Sommerfeld[1], Michael Wyrwich[2], Mateusz Traczyński[3] [1]University of Jena, [2]University of Groningen, [3]Lublin University of Technology	The Efficiency of Regional Innovation Systems across Europe 2000 to 2020 – Patterns and Determinants
Juraj Šimčisko Bratislava University of Economics and Business	The Bigger, the Better: Urban Scaling and Innovation in Europe
Andrzej Sokołowski[1], Małgorzata Markowska[2], Jacek Wychowanek[3] [1]Andrzej Frycz Modrzewski Krakow University. [2]Wroclaw Univeristy of Economics and Business. [3]Wałbrzych Higher School of Management and Entrepreneurship	EUROPEAN GEOGRAPHY OF INNOVATIONS – 2017-2024
Maria Luisa Mancusi[1], Matteo Romagnoli[2] [1]Catholic University. [2]Ferrara University	Old but Gold: Population Ageing and Innovation Incentives
Gergely Tagai[1], Viktor Varjú[2], Dóra Bálint[2] ELTE KRTK	Understanding Disparities of Academic Knowledge Production in Europe: Evidences and Researcher Perceptions on International Research
Andrés Rodríguez-Pose, Leiboyu Xiang, Neil Lee LSE	Finding stars: The agglomeration and distribution of star scientists.

G03–02: Social Capital, Institutions and Innovation
Thu, 29 January, 14:15–16:15 – Seminar Room 209
Chair: Arianna Martinelli

Manyane KPATOUMBI KANKPE GATE LSE Saint-Etienne	Determinants and impact of design on innovation in firms in France

Giacomo Lo Conte[1], Daniela Arlia[2] [1]University College Dublin, [2] EC JRC	Exposure to innovation and labor market dynamics:evidence from the German manufacturing sectors
Qianli Ma[1], Gesa Pflitsch[2], Max Eriksson[1], Max-Peter Menzel[1] [1]Universität Klagenfurt. [2]Universität für Bodenkultur Wien	Institutional Change and Industry Evolution: the example of the wind turbine industry in Germany from 1974-2004
Gianluca Biggi[1], Elisa Giuliani[2], Arianna Martinelli[2], Julia Mazzei[1] [1] Sant'Anna Pisa. [2]Pisa University	Rethinking Directed Technical Change:When Substitution Leads to Regret

G10–04: Geography of Sustainability Transitions

Thu, 29 January, 14:15–16:15 – Room V

Chair: Max-Peter Menzel

Simon Baumgartinger-Seiringer[1], Balázs Páger[2], Michaela Trippl[3] [1]Austrian Institute of Technology. [2]ELTE CERS. [3]University of Vienna	Reconciling multiple goals? Rethinking Regional Development Contexts and Challenges in an Era of Trade-Offs
Artem Korzhenevych[1,2], Sabine Philipps[3], Franziska Görmar[4], Katrin Martens[5] [1]Leibniz Institute of Ecological Urban and Regional Development. [2]Dresden University of Technology. [3]Leibniz Institute of Ecological Urban and Regional Development (IOER). [4]Leibniz-Institut für Länderkunde. [5]Humboldt-University Berlin	Intermediaries of Transformation? The Role of Local Action Groups in shaping sustainable development in German LEADER regions
Emma Furlan[1,2], Luciana Lazzeretti[1], Stefania Oliva[1] [1]University of Florence. [2]IUSS Pavia	A Place-Based Exploration of Cultural Heritage's Role in Urban Sustainability Transitions: Insights from Two Cities of Art (Florence and Paris)
Max-Peter Menzel[1], Gesa Pflitsch[2] [1]University of Klagenfurt. [2]BOKU University Vienna	Regional Transformations from a Valuation Perspective

G13–02: Innovation Policies for Regions and Countries

Thu, 29 January, 14:15–16:15 – Room VI

Chair: Silje Haus-Reve

Silje Haus-Reve[1,2], Jason Deegan[2], Bjørn Asheim[1], Samsom Afewerki[2] [1]UiS School of Business and Law. [2]NORCE	The oil and gas industry – a key to a successful, sustainable transition in Norway? Barriers and challenges to knowledge transfer to offshore wind and aquaculture
Smaranda Pantea, Nadzeya Laurentsyeva Prague University of Economics and Business	The Effects of Winning Public Tenders on Firm Growth: Evidence from the IT Sector in the Czech Republic
Daniel Wagner, Jakob Hoffmann, Johannes Glückler LMU Munich	Structural Fold in innovation collaboration. Investigating Knowledge Exchange in three project associations in the German bioeconomy
Finn Ole Semrau, Raphael Berendsohn Kiel Institute for the World Economy	Green Public Financial Support and the Policy Mix: Drivers of Firms' Environmental Innovation

G15–05: Skills, Labor Markets, and Mobility

Thu, 29 January, 14:15–16:15 – Room X

Chair: Maria Tsouri

Moslem Hossain, Sanjit Sarkar Central University of Karnataka	Exploring the influence of father migration on child Immunization in rural India: a propensity scores matching approach
Jacob R. Holm, Christian R. Østergaard, Ina Drejer Aalborg University Business School	Employee experience and green innovation: An explorative analysis of the association between labour flows and innovation related to carbon capture, use and storage
Luca Cattani[1], Sandro Montresor[2], Giulio Pedrini[3] [1]University of Parma, [2]University of Trentom [3]University Kore of Enna	Green will tear us apart, again: Evidence from Italian NUTS3 regions
Vasileios Tryfos, Maria Tsouri Western Norway University of Applied Sciences	Structural Couplings in Global Innovation Systems: Technological Knowledge and Human Capital Development in the Norwegian Maritime Sector

S01–02: Innovation Ecosystem for Smart City Development: Rethinking Collaboration for Sustainable Urban Futures

Thu, 29 January, 14:15–16:15 – Seminar Room 208

Chair: Aksel Ersoy

Sveva Ianese[1], Aksel Ersoy[2] [1]University of Padova. [2]TU Delft	Legal instruments for governing data spaces. Evidence from the field
Andrea Ganzaroli[1], Ana Pastor-Alcaraz[2], Antonio Paolo Russo[2] [1]University of Padua[2]Università Rovira i Virgili	Mapping Stakeholder Discourses on Overtourism: A Machine Learning Analysis for Smart City Governance
Julia Barashkov, Zenlin Roosenboom-Kwee, Marijn Janssen Delft University of Technology	Integrating Physical and Digital Ecosystems: A Taxonomy of DAO Governance for Shared Local Resources
Aikaterini Katmada, Christina Kakderi Aristotle University of Thessaloniki	Crowdsourcing the City: Insights from a Systematic Platform Analysis

S04–03: How Can New Innovation Metrics Inform Science, Technology, and Innovation (STI) Policymaking?

Thu, 29 January, 14:15–16:15 – Seminar Room 426

Chair: Julio Raffo

Fabia Beckers, Frank van Rijnsoever, Janpieter van der Pol, Carolina Castaldi Utrecht University	Beyond the Snapshot: A Spatio-Temporal Index of Entrepreneurial Ecosystems in Europe
Federico Moscatelli[1], Christian Chacua[2], Shreyas Gadgin Matha[2], Matté Hartog[2], Eduardo Hernandez Rodriguez[3], Julio Raffo[1], Muhammed Yildirim[2] [1]WIPO [2]Harvard University. [3]Utrecht University	The Technological Potential of Innovation Ecosystems: An Inter-Dimensional Network Approach

Valerio De Stefano[1], Maddalena Mula[2,3], Manuel Sebastian Mariani[4], Andrea Zaccaria[5,3] [1]Universitas Mercatorum. [2]University of Rome Tor Vergata. [3]Centro Ricerche Enrico Fermi. [4]University of Zurich. [5]Istituto dei Sistemi Complessi (ISC-CNR)	From Macro to Micro: Economic Complexity Indicators for Firm Growth
Enrico Vanino[1], Laura Haddock[2] [1]University of Sheffield. [2]ONS	Uncovering Hidden Innovators: Linking administrative and big data to develop comprehensive measures of firms' innovation
Giambattista Albora[1], Bernardo Caldarola[2], Dario Diodato[1], Lorenzo Napolitano[1], Carla Sciarra[1] [1]EC JRC-Seville. [2]EC DG JRC	Enhancing Patent Geolocation to Inform Innovation Policy: A Scalable, Updateable Approach Using AI and Text Mining

S05–01: STEM Doctoral Graduates' Mobility and Careers: New Perspectives and Data
Thu, 29 January, 14:15–16:15 – Seminar Room 418
Chair: Francesco Lissoni

Alberto Corsini[1], Johannes Koenig[2,3], Burcu Ozgun[4], Andriy Romanyuk[5,6], Guido Buenstorf[2], Francesco Lissoni[5,7], Ernest Miguelez[8], Michele Pezzoni[9], Catalina Martinez[1] [1]CSIC-IPP. [2]University of Kassel. [3]Institute for Employment Research. [4]Utrecht University. [5]Université de Bordeaux. [6]Universitá dell'Insubria. [7]Universitá Cattolica del Sacro Cuore. [8]University of Barcelona. [9]Université Côte d'Azur	Tracking knowledge production among European PhD graduates: publication and exit patterns over time
Lee Fleming University of California, Berkeley	Mapping the U.S. Scientific Training Ecosystem: New Data, Methods, and Evidence
Stefan Buechele[1], Guido Buenstorf[1], Matthias Hügel[1], Johannes König[1,2], Maria Theissen[1] [1]INCHER. [2]IAB	Is the dominance of graduates from top-tier universities among tenured faculty driven by prestige or output? Evidence from 50 years of university appointments in Germany

Rodrigo Ito[1], Fabiana Visentin[1], Robin Cowan[1], Diego Chavarro[2], Tommaso Ciarli[3] [1]Maastricht University. [2]Research Policy Solutions. [3]UNU-MERIT	Local Gains From Global Minds: The Impact of Collaborating with MobileResearchers on Non-Mobile Researchers' Performance

S12–02: Big Data and Machine Learning for Economic Geography
Thu, 29 January, 14:15–16:15 – Seminar Room 415
Chair: Philip Koch

Leonardo Castro Gonzalez, Emerald Dilworth, Emmanouil Tranos, Levi Wolf, Rui Zhu University of Bristol	An Atlas of Economic Activities in the UK: tapping into web archives for social science research
Ziyu Chen[1], Ron Boschma[2], Jian Gao[1], Peng Gong[1], Xiaohu Zhang[1] [1]The University of Hong Kong. [2]Utrecht University	Declining Technological Differentiation Hinders Development Potential of Cities
Francesca Ghinami University of Cagliari	Twin (green and digital) patents identification: an automated patent landscaping method
Sibylle Hestermann, Pankaj Kumar Sharma University of Kaiserslautern-Landau	Discovering municipal treasures - a machine learning approach to municipal financial data
Philip McCann, Ming-Wei Hsu University of Manchester	Measuring Regional Economic Policy Uncertainty in the UK: A Large Language Model Approach

S13–01: Circular Innovation Ecosystems
Thu, 29 January, 14:15–16:15 – Seminar Room 416
Chair: Stefano Usai

Stefano Usai[1], Davide Piacentino[2], Francesco Quatraro[3] [1]University of Cagliari. [2]University of Palermo. [3]University of Torino	Environmental sustainability and circularity in Italian manufacturing firms: initial findings from an original survey

Priyanshu Protim Pathak, Lucia Piscitello Politecnico di Milano	Knowledge Networks and Regional Drivers for Circular Transition in the European Semiconductor Industry: A Spatial Econometrics Model
Matteo Romagnoli, Sedric Zucchiatti, Bianca Barbaro, Alessandra Lanza Prometeia S.p.a	Closing the Loop promotes Strategic Autonomy: Circular Innovation and Critical Raw Materials

S26–01: Bridging the Digital Divide: Spatial and Societal Perspectives on Digital Inclusion and Wellbeing

Thu, 29 January, 14:15–16:15 – Seminar Room 425

Chair: Bogdan-Constantin Ibanescu

Bogdan-Constantin Ibanescu, Alexandra Gheorghiu, Gabriela Carmen Pascariu Alexandru Ioan Cuza University	Beyond connectivity: A territorial view on digital inclusion and trust dynamics
Roberta Capello, Simona Ciappei, Camilla Lenzi Politecnico di Milano	Job Quality in the Age of Digital Platforms: A Regional Perspective
Haoyue Guo[1], Paolo Gerli[2], Andrew Williams[1] [1]University of Edinburgh. [2]Edinburgh Napier University	Understanding Intersectional Inequalities to Adopting Digital Healthcare in Rural Scotland
Sigrid Jessen[1], Nicola Wendt-Lucas[2], Maja Brynteson[2] [1]Lund University. [2]Nordregio	Diffusion of public sector innovations in peripheral regions: The case of eID adoption and its societal impacts in Greenland and the Faroe Islands
Emmanuelle Faure[1], Yihan Wang[2], Sébastien Bourdin[3], Fabien Nadou[1], Romain Gibert[1] [1]EM Normandie Business School. [2]EM Normandie Business School. [3]IESEG	Directionality of Mission-Oriented Innovation Policy (MOIP) and multiplex innovation ecosystem -S3 Policy implementation in Normandy, France

P2: "AI in Innovation" Panel

Thu, 29 January, 16:45–18:15 – Room XI (Building C - "Rudolf Andorka Auditorium")

Chair: Frank Neffke, Complexity Science Hub & IT:U Austria

Carolina Castaldi – Utrecht University

Yufang Hou – IT:U Austria and IBM Research

Péter Ignácz – KPMG

Johannes Wachs – Corvinus University of Budapest

Tommaso Ciarli – UNU-MERIT & SPRU

Vasco de Oliveira Janeiro – EIT

G16–01: Spatial Inequalities

Thu, 29 January, 16:45–18:15 – Seminar Room 208

Chair: Anet Weterings

Anshu Singh National Institute of Technology Rourkela	Do Competitive Regions Influence Their Neighbours? An Empirical Study of Spatial Spillover Effects in India
Kars van Oosterhout[1,2], Anet Weterings[3] [1]Universitat Pompeu Fabra. [2]Maastricht University. [3]PBL Netherlands Environmental Assessment Agency	The expansion of higher education in a 'new town': consequences for study choices and spatial mobility of local graduates
Máté Mizsák[1], Zsófia Zádor[2], Bence Kovács[1], Gergő Pintér[3], Balázs Lengyel[1,3] [1]ELTE KRTK [2]Northeastern University London. [3]Corvinus University	Public transport in the "15-minute city"
Anna Tavaszi[1], Máté Mizsák[1], Zsófia Zador[2], Gergő Pintér[1], Balázs Lengyel[1,3] [1]ELTE KRTK [2]Northeastern University London. [3]Corvinus University	Bike sharing the way towards a more efficient multimodal transport system

G17–01: Regional Entrepreneurship

Thu, 29 January, 16:45–18:15 – Seminar Room 209

Chair: Balázs Páger

Stefania Cosci[1], Valentina Meliciani[2], Loredana Mirra[3] [1]LUMSA University. [2]LUISS University. [3]Tor Vergata University of Rome	Historical determinants of regional entrepreneurship in high tech sectors. The role of knowledge and openness to change
Massimo G. Colombo[1], Lena Füner[2,3,4], Massimiliano Guerini[1], Hanna Hottenrott[2,3], Daniel Souza[1] [1]Polytechnic University of Milan. [2]Leibniz Centre for European Economic Research (ZEW). [3]Technical University Munich. [4]IAB Institute for Employment Research	The State of European Entrepreneurship: Trends in Quantity and Quality in France, Germany, and the UK (2009–2023)
Balázs Páger ELTE KRTK	Mapping Entrepreneurial Ecosystems: Analysing Socioeconomic Factors Influencing Entrepreneurship in Hungarian Subregions

S05–02: STEM Doctoral Graduates' Mobility and Careers: New Perspectives and Data

Thu, 29 January, 16:45–18:15 – Seminar Room 418

Chair: Catalina Martinez

Hans Christian Kongsted[1], Yotam Sofer[1], Valentina Tartari[2,1] [1]Copenhagen Business School. [2]Stockholm School of Economics	Being your own Master: How Constraints on Academic Freedom Affect Graduates' Career Choices
Pierre Boutros[1], Eliana Diodati[2], Michele Pezzoni[1], Fabiana Visentin[3] [1]Université Côte d'Azur. [2]University of Torino and Collegio Carlo Alberto. [3]UNU-MERIT	Does Training in AI Affect PhD Students' Careers? Evidence from France
Guido Buenstorf[1], Johannes Koenig[1,2], Anne Otto[2], Noah Weisswange[1] [1]University of Kassel. [2]IAB Institute for Employment Research	Excellence Competition and the International Mobility of STEM Doctorate Holders in Germany

S06–01: Sustainability Transition in the Food Industry: Balancing Economic, Environmental, and Social Sustainability

Thu, 29 January, 16:45–18:15 – Seminar Room 415

Chairs: Arnt Fløysand, Stig-Erik Jakobsen, Natalia Maehle

José Luis Sánchez-Hernández, Marta Potente-Castro, Ana Belén López-Tárraga Universidad de Salamanca	Territorialising the Food Transition: A Theoretical Framework
Sebastián Baeza-González[1], Kelly Yubini[1], Natsuki Kamakura[2] [1]The University of Concepción. [2]The University of Tokyo	Unveiling the network core and periphery structures of technological development in salmon aquaculture
Nora Bækkelund, Nanthini Nagarajah, Arnt Fløysand Western Norway University of Applied Sciences	Local embeddedness and social sustainability – salmon farming firms' community orientation seen from a socioemotional wealth perspective
Maria Tsouri[1], Teis Hansen[2], Stine Juul Madsen[2], Hanna Winter[2], Elin Dreyer[2] [1]Western Norway University of Applied Science. [2]University of Copenhagen	The evolution of technological knowledge in the Global Value Chain (GVC) of mixed-tech industries: An explorative study of European aquaculture.

S19–01: The Geography of Innovation and Transitions in the context of Nature-Society Interactions

Thu, 29 January, 16:45–18:15 – Seminar Room 425

Chair: Camilla Chlebna

Camilla Chlebna, Stefan Philipp ZSI - Centre for Social Innovation Vienna	Looking back to look forward – Towards a sustainable path development perspective
Linda Lütkes[1], Sebastian Losacker[1,2] [1]Justus Liebig University Giessen. [2] Lund University	Revaluing the past, innovating (for) the future: towards a geography of retro-innovation
Katrin Pakizer[1,2], Allan Dahl Andersen[3] [1]Zurich University of Applied Sciences. [2]Swiss Federal Institute of Aquatic Science and Technology. [3]University of Copenhagen	Beneath the surface: Interactions between sustainability transitions and the natural environment

Carla De Laurentis University of the West of England	Unpacking the co-evolving social, material and technical dynamics of end-of-life of wind infrastructure

S22–01: Peripheral Regions: Circular Economy Innovation for Sustainable Development
Thu, 29 January, 16:45–18:15 – Seminar Room 416
Chairs: Arild Aspelund, Rannveig Edda Hjaltadóttir

Gloria Cicerone[1,2], Sebastian Losacker[3], Sandro Montresor[4], Francesco Rentocchini[5] [1]GSSI [2]The University of Manchester. [3]University of Giessen. [4]University of Trento. [5]EC JRC	Trust the process: How regional process knowledge drives circular economy innovation in European regions
Arthur William Fodouop Kouam Sanya University	Bridging Peripheral Innovation: Scaling Informal Entrepreneurial Ecosystems for Regional Diversification and Sustainable Transitions in Central Africa
Tamara Besednjak Valič, Erika Džajić Uršič Rudolfovo - Science and Technology Centre in Novo Mesto	Steering between heritage, regional innovation, and circular transitions: lessons from Porto Vecchio, Trieste (Italy)
Sahana Swaroop Chetan Nord University	Bridging the Circularity Gap: The role of Leader-Member Exchange (LMX) in driving Circular Economy adoption in the peripheral regions - A Norwegian context

S28–02: Fostering Regional Resilience through Entrepreneurship
Thu, 29 January, 16:45–18:15 – Seminar Room 417
Chair: Shiri Breznitz

Shiri Breznitz[1], Qiantao Zhang[2] [1]University of Toronto. [2]Xi'an Jiaotong-Liverpool University	Navigating diversity: The impact of multiculturalism on entrepreneurship among university graduates
Chiara Marzocchi[1], Mirva Peltoniemi[2], Jarmo Taskinen[3] [1]University of Padova. [2]Tampere University. [3]Jyväskylä University	Against the odds: Entrepreneurial entry during industry maturity

Hamidreza Biabani Moghaddam[1], Milad Abbasiharofteh[1], Sierdjan Koster[1], Lukas Kriesch[2] [1]University of Groningen. [2]Justus Liebig University Giessen	From Grassroots to Green Roofs: Understanding Social Context in a Green Transition

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DAY 3

G04–01: Globalisation of Innovation and Knowledge
Fri, 30 January, 09:00–11:00 – Seminar Room 417
Chair: Daniela Maggioni

Andreea Țoiu, Norbert Petrovici, József Benedek Babeș-Bolyai University	Subsidiary co-invention and patent integration in a dispersed innovation system: Evidence from a multinational firm
Tasneem Bani Khaled Aston University	R&D Collaboration and Firm Performance: Evidence from Domestic and International Partnerships
Guillermo Andrés University of Pisa	Global Innovation Networks and the Green Transition: An Analysis of Collaborative Patents Using Exponential Random Graph Models
Satyaki Chakravarty, Fabio Montobbio, Gabriele Pellegrino Università Cattolica del Sacro Cuore	Drug development in the face of patent extensions: evidence from Supplementary Protection Certificates
Daniela Maggioni[1], Seda Koymen Ozer[2], Alessia Lo Turco[3] [1]Università Cattolica del Sacro Cuore. [2]Baskent University. [3]Università Politecnica delle Marche	Multinationals and the Emergence of New Environmental Goods: insights from firm level production data

G11–01: Responsible Innovation, Social Innovation and Inclusive Growth
Fri, 30 January, 09:00–11:00 – Room V
Chair: Attila Havas

János B Kocsis Corvinus University of Budapest	Recreating Locality: Community and Identity in Budapest Suburbs, 1995–2020
Anna Ferrer Carmona, Eva Coll-Martínez, Jérôme Vicente LEREPS, Sciences Po Toulouse	Talent migration and urban gentrification: Disentangling the uneven impact on urban dynamics
Bang Nguyen University of Bayreuth	The Impact of the Nobel Prize on the Level and Direction of Innovation
Attila Havas[1,2], Judit Keller[1], György Molnár[3], Tünde Virág[1] [1]Centre for Economic and Regional Studies. [2]University of Debrecen. [3]Centre for Social Sciences	Social innovations in authoritarian polities: two contrasting cases in Hungary

G16–02: Spatial Inequalities
Fri, 30 January, 09:00–11:00 – Room VII
Chair: Zsófia Zádor

Iris Seunga Ryu[1], Alissa Gorelova[2], Michael Flood[3], Jose Ignacio Donoso Salas[3] [1]Harvard. [2] Toronto, Canada. [3]OECD	A granular approach to measuring regional attractiveness
Gergő Pintér[1], Balázs Lengyel[1,2] [1]Corvinus University,. [2]ELTE KRTK	Barriers of Urban Mobility
Zsófia Zádor[1], Balázs Lengyel[2,3], Riccardo Di Clemente[1,4] [1]Northeastern University London, [2]ELTE KRTK [3]Corvinus University, [4]ISI Foundation	Working behaviour and the spatial complexity of economic activity
Zhuoying You[1], Andrés Rodríguez-Pose[2] [1]Fuyao University of Science and Technology. [2]London School of Economics	AI generation as a development tool in Europe: A double-edged sword?

G17–02: Regional Entrepreneurship
Fri, 30 January, 09:00–11:00 – Seminar Room 209
Chair: Keisuke Takano

Heidi Wiig[1], Monica Plechero[2], Thomas Hoholm[1], Arne Sørvig[3] [1]BI-Norwegian Business School. [2]Venice School of Management. [3]Foundation Norwegian Gastronomy	Haute cuisine entrepreneurship: the role of chefs and restaurants leveraging new niches and dynamics of regional transformation.
Giacomo Roberto Lupi[1], Francesco Rentocchini[2,3], Ugo Rizzo[1] [1]University of Ferrara. [2]EC JRC. [3] University of Milan	Two Greens Are Better Than One: Green Technology-Based Startups for the Green Transition
Matteo Tubiana[1], Guido Pialli[2], Cristiano Antonelli[3] [1]Polytechnic of Torino. [2]UCL. [3]University of Torino	The local spillover effects of top-income inequality on innovation
Keisuke Takano[1], Hiroyuki Okamuro[2], Tetsuji Okazaki[3] [1]Hitotsubashi University. [2]Komazawa University. [3]Meiji Gakuin University	A cutting-edge regional SME policy in postwar Japan: An empirical study of the public investment loan in Osaka

S05–03: STEM Doctoral Graduates' Mobility and Careers: New Perspectives and Data
Fri, 30 January, 09:00–11:00 – Seminar Room 418
Chairs: Johannes Koenig, Francesco Lissoni

Stefan Buechele[1], Guido Buenstorf[1], Matthias Huegel[1], Johannes Koenig[1,2], Maria Theissen[1] [1]University of Kassel. [2]IAB Institute for Employment Research	**How does Institutional Prestige affect Careers? Investigating Doctoral Graduates' Academic Outcomes and Spillovers into the Private Sector**

Zsófia Viktória Vida[1], Sándor Soós[1,2], Veronika Paksi[3,4], Katalin Tardos[3], Judit Takács[3] [1] Hungarian Academy of Sciences. [2]Eötvös Loránd University. [3]ELTE TK [4]University of Szeged	**Academic career paths of Hungarian PhD holders – Are there gender-specific academic paths?**
Stefano Breschi[1], Fabio Montobbio[1,2], Andrea Morrison[3], Marcos Anton Tejon[3], Annalisa Tirozzi[2] [1]Bocconi University. [2]Catholic University of Milan, [3]University of Pavia.	**Italian PhDs: Publication Activity and Career Profiles**
Yagmur Yildiz[1], Diego Chavarro[2], Fabiana Visentin[1], Tommaso Ciarli[1,3] [1]UNU-MERIT, [2]Research Policy Solutions, [4]SPRU	**Expanding Horizons: The Impact of Post-Doctoral Mobility Grants on Research Diversification**

S06–02: Sustainability Transition in the Food Industry: Balancing Economic, Environmental, and Social Sustainability

Fri, 30 January, 09:00–11:00 – Seminar Room 415

Chairs: Arnt Fløysand, Stig-Erik Jakobsen, Natalia Maehle

Stig-Erik Jakobsen[1], Svein Gunnar Sjøtun[1], Nanthini Nagarajah[1], Bernt Aarset[2] [1]Western Norway University of Applied Sciences. [2]Norwegian University of Life Sciences	Promise you a miracle? The evolution of Norwegian cod farming
Marta Potente-Castro University of Salamanca	The emerging food-tech innovation ecosystem in Spain
Betsy Donald Queen's University	AI and automation in Canada's Food Produce Sector: disruptive innovation or path dependence and "lock in"?
Kyriaki Kechri, Christina Kleisiari, Margarita Iliadou, Leonidas Sotirios Kyrgiakos, George Vlontzos, Spyros Niavis University of Thessaly	A Multi-Dimensional Evaluation Framework for Driving Sustainability Transitions in Food Consumption

S18–01: The Geography of Advanced Manufacturing: Innovation, Production and Regional Dynamics

Fri, 30 January, 09:00–11:00 – Room X

Chairs: Nicola Cortinovis, Mabel Sanchez-Barrioluengo, Silvia Massini

Nicola Cortinovis[1], Joric Donnet[2] [1]Utrecht University. [2]Rotterdam School of Management	3D printing and the geography of production
Mabel Sanchez-Barrioluengo, Silvia Massini, Wanyu Zhang, Peiyu Zhan The University of Manchester	Barriers for using 3D printers by SMEs: A stage-based adoption perspective
Martijn Stut, Nicola Cortinovis, Carolina Castaldi Utrecht University	Can all regions adopt 3D printing? Understanding the importance of regional innovation
Yuntao Wang[1], Alessandro Muscio[1], Amir Maghssudipour[2] [1]University of Foggia. [2]University of Padua	424 Digital Transformation for Eco-Innovation: Evidence from Agriculture 4.0 Adoption in Wine Firms

S19–02: The Geography of Innovation and Transitions in the context of Nature-Society Interactions

Fri, 30 January, 09:00–11:00 – Seminar Room 425

Chair: Camilla Chlebna, Sebastian Losacker

Lennart Fischer[1], Sebastian Losacker[1,2] [1]Justus-Liebig University. [2]CIRCLE	Why transformative knowledge fails to transform: A multi-scalar (de-)legitimation perspective on the construction sector in Chennai, India
Matt Ziembla The University of Manchester	Structural configurations in regional path development: towards reconceptualising structure as the material and social contingencies of human agency.
René John Institut für Sozialinnovation	Innovation as a transformation of social environmental relations

Kai-Ti Wu[1,2], Maria Tsouri[3] [1]Humboldt University of Berlin. [2]European Citizen Science Association. [3]HVL Business School, Western Norway University of Applied Sciences	Networks of Subjective Well-being from Green and Blue Spaces as Drivers of Inclusive Local Economic Development

S20–01: Innovation in Disrupted Regions
Fri, 30 January, 09:00–11:00 – Seminar Room 208
Chair: Michael Wyrwich

Michael Wyrwich[1], Michael Fritsch[2], Korneliusz Pylak[3] [1]University of Groningen. [2]Friedrich Schiller University. [3]Lublin Institute of Technology	Legacies of Socialism and the Geography of Innovation: Evidence from comparing transition and non-transition countries in Europe
Korneliusz Pylak[1], Alina Sorgner[2] [1]Lublin University of Technology. [2]John Cabot University	Legacy, Shock, and Gendered Innovation: Regional Pathways from Post-Socialist Country
Ekaterina Romanova[1], Veronika Romanova[2] [1]Budva, Montenegro. [2]European Humanities University	Entrepreneurial and Civic Innovations by Russian-speaking Migrants in Montenegro Following the Outbreak of the Ukrainian Crisis

S21–01: Just Regional Industrial Transitions: Understanding Barriers, Processes and Outcomes in Reconciling Decarbonisation and Social Justice
Fri, 30 January, 09:00–11:00 – Seminar Room 426
Chair: Maximilian Benner, Annemarie Lechte

Huiwen Gong University of Stavanger	Rethinking the geography of responsibility in regional development: an interdisciplinary framework for addressing problem shifting
Arsla Khalid[1], Andrea Ascani[1], Sandro Montresor[2], Gloria Cicerone[1] [1]Gran Sasso Science Institute. [2]University of Trento	Interplay Between Twin Transition And Environment At Regional Level

Luzie Kromer, Victoria Alex Technical University Berlin, Berlin, Germany	Evaluating the CO_2 Effects of ISO 14001 Certification: Firm-Level Evidence and Regional Moderation in Germany
Laura Clemens University of Kaiserslautern-Landau	Local policy between crisis management and shaping the future: Financing climate protection in German municipalities
Annemarie Lechte, Maximilian Benner, Michaela Trippl University of Vienna	Imaginaries of Regional Decarbonisation Pathways
Maximilian Benner, Michaela Trippl, Annemarie Lechte University of Vienna	Beyond the “New Green”: Multiple Path Types in Sustainable Regional Restructuring

S22–02: Peripheral Regions: Circular Economy Innovation for Sustainable Development
Fri, 30 January, 09:00–11:00 – Seminar Room 416
Chairs: Arild Aspelund, Rannveig Edda Hjaltadóttir

Pankaj Ravindra Gode, Paritosh Despande, Eli Fyhn Ullern, Ottar Michelsen, Arild Aspelund NTNU	The Adoption of Circular Economy in Maritime Industries – Efforts to Green the Blue
Ida Matilde Fauske Nord University	Moving From Isolated Projects to Bundles of Innovation: A Systemic Perspective ofInnovation System Actors in the Transition to a Circular Economy
Rannveig Edda Hjaltadóttir Nord University	Clusters as Knowledge Brokers in Circular Economy Transformation in Peripheral Arctic Regions

S27–01: Diverse Pathways of Knowledge Diffusion: Linking Regional Capabilities to Productivity Growth
Fri, 30 January, 09:00–11:00 – Room VI
Chairs: Raquel Ortega-Argiles, Tommaso Ciarli

Silvia Rocchetta[1], Martina Iori[2] [1]Dublin City University. [2]Universita' Cattolica del Sacro Cuore	Jumping the ladder: the role of technological unconventionality and green innovation in shaping regional productivity
Pei-Yu Yuan, Raquel Ortega- Argilés University of Manchester	From Collaboration to Knowledge Flow: Mapping Government-Funded Agri-Tech Networks
Alexandra Badort[1,2], Bernardo Caldarola[3,2], Tommaso Ciarli[2,4], Sidharth Rony[2] [1]LUISS. [2]UNU MERIT. [3]European Commission, JRC. [4]SPRU, University of Sussex	Skills demand and regional productivity
Yuanyuan Cai The University of Hong Kong	Urban innovation, human capital, and housing prices: When does innovation become a burden for cities?

P3: "The Dark Side of Innovation" Panel

Fri, 30 January, 11:30–13:00 – Room XI (Building C - "Rudolf Andorka Auditorium")

Chair: Rune Dahl Fitjar, University of Stavanger

Arianna Martinelli – Sant'Anna Pisa

Hillary Vipond – Complexity Science Hub, Vienna

Jiří Blažek – Charles University, Prague

Johannes Glückler – Ludwig Maximilian University, Munich

Markus Grillitsch – Lund University

Closing Ceremony

Fri, 30 January, 13:00–13:15 – Room XI (Building C - "Rudolf Andorka Auditorium")

Balázs Lengyel, Corvinus University of Budapest & ELTE KRTK