17:00 – 17:30 Opening Speeches

17:30 – 19:00 Ann Markusen

*Beyond export base theory: growth via migration, quality of life, and the local consumption base*

19:00 – Welcome Reception
9:00 – 10:30 Part I – Chair: Peter Nijkamp

Yoshiro Higano - Presidential Introduction
Ake Andersson - Key note address
Karima Kourtit - Introduction

4 Urban images 2050

Bart Neuts, Larry Brown - The Entrepreneurial City 2050
Daniel Arribas-Bel, Edward Malecki - The Connected City 2050

11:00 – 12:30 Part II – Chair: Mark Partridge

Daisuke Nakamura, Jean-Claude Thill - The Pioneer City 2050
Rachel Franklin, Hans Westlund - The Liveable City 2050

Tournament on 6 Urban Idols

Charlie Karlsson - Europe
John Kim - Asia
Elsie Echeverri-Carroll - America

14:00 – 15:30 Part III – Chair: Mark Partridge

Tournament on 6 Urban Idols

Manie Geyer - Africa
Bob Stimson - Australia
Henk Scholten - Virtual World

Semi-finals - 5 Fellows Panel: Which city? Why?
Manfred M. Fischer, Jacques Thisse, Peter Batey, Piet Rietveld, James P. LeSage

Selection of Urban Idol 2050
Andrés Rodriguez-Pose & Eveline Van Leewen

Neil Reed, Alessandra Faggian - City Speakers’ Corner
Paul Cheshire - Closing Paper
Geoffrey Hewings - Ways forward
Carl Hamilton - JPI Urban Europe Get together
09:00-10:30  **Special Session**  
ZG. SS GRADUATES, ENTREPRENEURSHIP AND REGIONAL LABOUR MARKETS  
**Wed 1_B1.03**

**Chair:** Jouke van Dijk

Young-Chool Choi, Sang-Yeup Lee, Sang-Hyeon Ju  
*Creating Jobs by Social Enterprises in Korea: Experience and Lessons (14)*

Viktor Venhorst, Sierdja Koster  
*The early careers of self-employed students (75)*

Rachel Franklin, Faggian Alessandra  
*College Student Migration in the United States, 2000-2009: Implications for Regional Human Capital Distribution (102)*

Martin Carree, Kristin Kronenberg  
*Locational choices and the costs of distance: empirical evidence for Dutch graduates (243)*

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09:00-10:30  **R Session**  
A. AGGLOMERATION AND CLUSTERS  
**Wed 1_B1.04**

**Chair:** Vicente Royuela

David Castells, Vicente Royuela  
*Agglomeration, Inequality and Economic Growth: Cross-section and panel data analysis (492)*

Ryusuke Ihara, Shizu Yamamoto  
*Does labor diversity cause agglomeration in Japan?: an NEG approach with a covariance structure analysis (430)*

Roberto Antonietti, Giulio Cainelli  
*Urban size and KIBS vertical disintegration: Evidence from Lombardy (666)*

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09:00-10:30  **Special Session**  
ZZJ. SS SERVICES OF GENERAL INTEREST  
**Wed 1_B1.05**

**Chair:** Alois Humer

Steinar Johansen, Hild-Marte Bjønsen, Olaf Fos  
*Services of General Interest (SGI): Is It Possible to Define This Concept in Scientific Terms? (1144)*

Eduarda Marques da Costa, Pedro Palma, Daniel Rauhut, Alois Humer, Daniela Constantin, Xabier Velasco  
*Indicators of Services of General Interest in EU regional context: between the need to measure and the lacking of their meaning (1114)*

Alois Humer, Daniel Rauhut, Nuno Costa  
*European Types of Politico-territorial Organization and Public-private Finance of Social Services of General Interest (526)*

Alina-Elena Balalia , Daniel Rauhut  
*Assessing Territorial Impact Assessment: The Case of Services of General Interest (251)*
09:00-10:30  **Special Session**  
**ZU. SS INDUSTRIAL DISTRICTS/INDUSTRIAL CLUSTERS**  
AND RELATED PLACE-BASED POLICIES IN A CHANGING EUROPE  
**Wed_1_B1.06**

Chair: Fabio Sforzi

Federico Pablo-Marti, Juan Luis Santos, Antonio Gacia-Tabuenca, María Teresa Gallo, Tomás Mancha

*Forecasting and simulation of the impact of public policies on industrial districts using an agent-based model (553)*

Timo Mitze, Falk Strotebeck

*What Drives Regional Cooperative Behavior in German Biotechnology? Embedding Social Network Analysis in a Regression Framework (629)*

Jonatan Paton, Jaime Del Castillo, Belen Barroeta

*The AEIs Programme final evaluation 2007-2011: New insights on cluster and cluster policy contribution to competitiveness (663)*

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09:00-10:30  **O Session**  
**P. TOURISM, CULTURAL AND CREATIVE INDUSTRIES AND REGIONAL DEVELOPMENT**  
**Wed_1_B1.07**

Raffaele Paci, Emanuela Marrocu

*Different tourists to different destinations. Evidence from spatial interaction models (345)*

Michael Steiner, Michael Wagner-Pinter

*SCHLADMING 2013 - potential impacts of the skiing world championship on regional development. A micro data based analysis (380)*

Joanna Kudelko, Zbigniew Mogila, Aleksandra Poproch

*Euro 2012 in Poland - facts and myths about its importance for the development of the host regions in the context of the counterfactual analysis (752)*

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09:00-10:30  **Special Session**  
**ZK. SS LONG RUN IMPACTS OF MAJOR TRANSPORT INVESTMENTS**  
**Wed_1_B1.08**

Chair: Paul Cheshire

Milan Víturka, Vilém Paril, Petr Tonev

*Long-run impacts assessment of planned motorways and expressways in the Czech Republic (126)*

Adelheid Holl

*The impact of transport infrastructure investment on firm-level productivity (455)*

Jie Zhu, Ying Jin, Marcial Echenique

*Application of a new spatial computable general equilibrium model for assessing strategic transport and land use development options in London and (931)*

Johannes Bröcker

*Wider economic benefits from communication cost reductions: an endogenous growth approach (1165)*
09:00-10:30  O Session  Wednesday, 22nd August

I. KNOWLEDGE ECONOMY AND INNOVATION  Wed_1_B1.09

Michaela Trippl, Manfred M. Fischer  
Proximity and cross-border knowledge linkages: Evidence from the automotive sector in the Austrian Slovak border region (122)

Florian Reinold, Manfred Paier, Manfred M. Fischer  
Joint knowledge generation in European R&D networks: Results from a discrete choice modelling perspective (253)

Johannes Stephan, Olivier Zieschank  
In Search of Growth Effects by inward FDI in Central East Europe (357)

Jacob A. Jordaan  
Foreign Direct Investment and Technology Transfers to Local Suppliers: Identifying the effects of type of ownership and the technology gap (1166)

09:00-10:30  Special Session  Wednesday, 22nd August

ZC. SS CREATIVE CITIES AND REGIONS  Wed_1_B1.10

Chair: Stefan Rehak

Marc Altenburg  
Non-Metropolitan Creative Cities and Regions? – Empirical Evidence of Creative Industries as Part of a Creative City and Ways of promoting them in Non-Metropolitan Areas (1090)

Nick Clifton, Tony Macaulay  
Creativity and the ‘post-conflict’ city? The case of Belfast, Northern Ireland (587)

Stefan Rehak, Martin Chovanec  
Exploring creative clusters using micro-geographic data (562)

Jozef Tvrdon, Eva Belvoncikova  
Policy for the Support of Creative Economy (346)

09:00-10:30  R Session  Wednesday, 22nd August

D. ENTREPRENEURSHIP, NETWORKS AND INNOVATION  Wed_1_C1.06

Chair: Agata Pradela

Michael Fritsch, Michael Wyrwich  
The Long Persistence of Regional Entrepreneurship Culture: Germany 1925-2007 (63)

Jose L. Gonzalez-Pernia, Iñaki Peña-Legazkue  
Regional FDI, technological knowledge and Export-Oriented Entrepreneurs in Spain (912)

László Szerb, Raquel Ortega-Argilés, Zoltán Ács, Alicia Coduras  
The examination of the regional level entrepreneurship: The Spanish case (781)

Agata Pradela  
Career development of school graduates in the aspect of creation of innovative economy - Polish experiences (282)
09:00-10:30  R Session  
K. MIGRATION AND REGIONAL LABOUR MARKET  
Wed, 22nd August

Chair: Terry Gregory

Franziska Lottmann
Regional Unemployment in Germany: a spatial panel data analysis (53)

Wolfgang Nagl, Stefan Arent
Unemployment Benefits and Wages: Evidence from the German Hartz-Reform (78)

Roberto Bande, Marika Karanassou
The NRU and the Evolution of Regional Disparities in Spanish Unemployment (640)

Terry Gregory, Roberto Patuelli
Demographic Polarization and Regional Innovativeness: An Explanatory Spatial Data Analysis for German Labour Markets (803)

09:00-10:30  R Session  
O. SPATIAL ECONOMETRIES AND ANALYSIS  
Wed, 22nd August

Chair: Timo Mitze

Timo Mitze, Selin Özyurt
The spatial dimension of trade- and FDI-driven productivity growth in Chinese provinces: A global cointegration approach (512)

Nicola Pontarollo, Elisa Montresor, Francesco Pecci
Sectoral productivity convergence between European regions: does space matter? (559)

Ching-mu Chen, Dao-Zhi Zeng
The spatial selection of heterogeneous quality: an approach of different demand elasticities (602)

Reinhold Kosfeld
Identifying Clusters within R&D Intensive Industries Using Local Spatial Methods (232)

09:00-10:30  R Session  
E. FINANCE AND REGIONAL DEVELOPMENT  
Wed, 22nd August

Chair: Peter McGregor

Gertrudes Guerreiro
Regional Income Distribution in Portugal (738)

Boriss Silverstovs, Konstantin Kholodilin
Measuring Regional Inequality by Internet Car Price Advertisements: Evidence for Germany (911)

Peter McGregor, Patrizio Lecca, Kim Swales
Balanced Budget Government Spending in a Small Open Regional Economy (1009)

09:00-10:30  R Session  
B. CLIMATE CHANGE AND ENVIRONMENT, SUSTAINABILITY ISSUES  
Wed, 22nd August

Chair: Peng Wu

Eiji Ohno, Masafumi Morisugi, Phouphet Kyophilavong, Hiroshi Sao
Measurement of Value of Statistical Life by Evaluating Diarrhea Mortality Risk due to Water Pollution in Laos and Vietnam (595)
Masakazu Maezuru

*International Environmental Policies and Environmental Lobbying in the Presence of Eco-industry* (700)

Peng Wu, Ying Jin, Yongjiang Shi

*Which Region will Manufacturers prefer under Rising Carbon Emission Costs?* (1070)

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**09:00-10:30  O Session  Wednesday, 22nd August**

**F. GLOBALISATION AND REGIONAL COMPETITIVENESS** Wed_1_ D111

Cezar Mereuta, Lucian-Liviu Albu, Marioara Iordan, Mihaela-Nona Chilian

*Model of Comparative Analysis of the Main Indices of Economic and Social Performance of the European Union Countries* (111)

Agnieszka Szumilas

*Changes in spatial structure of commercial activity in Central European towns - case of southwest Poland (1990-2010). Traditional shops vs. modern shopping structures.* (158)

Mucahit Yildirim, Mahir Korkmaz

*Changes in built environment and in vernacular architecture through globalization: Case of Battalgazi in Turkey* (207)

Gabriela Carmen Pascariu

*Dynamics of the trade specialization of the Central and Eastern European Countries, after '90. A macroeconomic evaluation of the EU enlargement impact* (937)

Alejandra Trejo

*Economic efficiency of the Mexican metropolitan regions between 1998 and 2008* (974)

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**09:00-11:30  O Session  Wednesday, 22nd August**

**O. SPATIAL ECONOMETRICS AND ANALYSIS** Wed_1_ D112

Wolfgang Koller, Manfred Fischer

*Neural network for macroeconomic time series forecasting: a comparison of model building approaches* (93)

Mark Wachowiak, Renata Wachowiak-Smolikova, Jonathan Zimmerling

*The Viability of Global Optimization for Parameter Estimation in Spatial Econometrics Models* (598)

Luigi Mundula, Sabrina Auci

*Welfare and Income Inequality: an Economic-Territorial Development Analysis in Italy* (944)

Sebastian Keiler

*Pricing CDS spreads and systemic risk - A spatial econometric approach* (1150)

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**09:00-10:30  O Session  Wednesday, 22nd August**

**C. DEMOGRAPHY AND POPULATION** Wed_1_ D113

Daniel Liviano, Josep-Maria Arauzo-Cardó

*Spatial Exploration of Age Distribution in Catalan Municipalities* (81)

Josep-Maria Arauzo-Cardó, Daniel Liviano-Solís

*Migration Determinants at a Local Level* (500)

Inge Noback, Vassilis Tselios

*Social Integration and Externalities in the Netherlands* (673)
Q. URBAN ECONOMY

Nuno Cruz, Rui Marques
  Municipal Governance Indicators: A Conceptual Model (517)

Kristoffer Moeller
  Chicken or egg? The development of land use and transport in Berlin (861)

Martin T.W. Rosenfeld, Albrecht Kauffmann
  The Impact of Centrality within the Public Sector on Urban Economic Development – Empirical Evidence from East Germany (895)

Maciej Turala, Dorota Sikora-Fernandez
  Smart cities – the way forward for Polish urban areas? (1086)

Riccardo Cappellin
  Growth in post-industrial cities: an endogenous model (1168)

M. PERIPHERAL AND RURAL REGIONS

Marija Maksin, Sasa Milijic, Nikola Krunic
  Spatial planning of peripheral rural regions in Serbia (721)

Dimitrios Kyrkilis, Simeon Semasis
  Agriculture and Regional Development in Greece (804)

Dario Musolino
  Economic diversification in mountain areas (1034)

Yuko Akune
  Effects of interregional agri-food clusters under different competitions on regional economy: Usage of two-regional CGE model for Green Tea Cluster in Japan (1049)

Joao Lopes, Joao Carlos Graça
  Values, beliefs and economic behaviors: a regional approach (1145)

J. LEARNING REGIONS AND SOCIAL CAPITAL

Minica Mirela
  Proposal for an integrative model of public-private partnership in tertiary education (452)

Paula Pavarina
  Conflicts and social capital and economic development in Latin America (591)

Maria Lastochkina
  Regional development on the way of socio-cultural modernization (619)

Balazs Lengyel, Akos Jakobi
  Cyberspace reloaded: settlement size and distance in an online social network landscape (1032)
Thomas Stahlecker, Esther Schricke
   Co-operative cluster policy in a federal system as an innovative approach to achieve “critical mass”? – The cases of Berlin and Hamburg (523)

Kenichi Ishibashi, Shinichi Tsuburaya
   Assessing the Vulnerability of the Supply Chain Network (725)

Eduardo Haddad
   Spatial Perspectives of Improving Competition in Lebanon (857)

Zeynep Elburz, Ferhan Gezici
   Regional development policies and industrial employment change in Turkey: a shift share analysis (1992-2008) (1012)

Milan Damborsky, Rene Wokoun, Nikola Krejcova, Bozena Kaderabkova
   Industrial zones – an effective tool of regional development support in transitive economy? Case study: The Czech Republic (1017)

Daniel Shefer
   Transportation-Land Use Connection: The Impact of Transportation Investment on Land Use Change (46)

Satoru Kumagai, Ikumo Isono, Toshitaka Gokan, Kazunobu Hayakawa, Souknilanh Keola, Kenmei Tsubota
   Geographical Simulation Analysis for Logistics Enhancement in Asia (847)

Thomas Alexander Sick Nielsen
   How stable are urban form correlates of travel? Analysis of urban form, location and transport behaviour in the Greater Copenhagen area 2006-2011. (958)

Leonid Bezrukov
   Development barriers and paths for Siberia’s areas with limited transport accessibility (206)
11:00-12:30  Special Session  Wednesday, 22nd August
ZA. SS REGIONAL POLICY INSTITUTIONS  Wed_2_B1.02

Chair: Michael Steiner

Michael Steiner  
Regional policy - what kind of institutions, done by whom and how? An introduction to the special session (742)

Roberto Camagni, Roberta Capello  
Smart innovation policies (188)

Philip McCann  
What kind of institutions for regional policy

11:00-12:30  Special Session  Wednesday, 22nd August
ZZ. SS URBAN ECONOMICS ASSOCIATION: LOCAL LABOUR MARKETS  Wed_2_B1.03

Chair: Jordi Jofre-Monseny

Ina Blind  
Commuter train access and residential sorting (951)

Eva Gutierrez-i-Puigarnau, Jos van Ommeren  
Do rich households live farther away from their workplaces? (219)

Rosa Sanchis-Guarner  
Driving up Wages: The Effects of Road Improvements in Great Britain (890)

Jordi Jofre-Monseny, Matz Dahlberg, Peter Fredriksson  
On the dynamics of segregation (832)

11:00-12:30  Special Session  Wednesday, 22nd August
ZF. SS REGIONAL ATTRACTIONNESS, MOBILITY AND ATTRACTION POLICIES  Wed_2_B1.04

Chair: Antonio Russo

Antonio Russo, Ian Smith  
Attractive regions: for whom? And how does that matter? (362)

Alexander Otgaar, Erwin Van Tuijl, Leo Van den Berg  
Mobilisation strategies and territorial assets: a comparative study of regional attractiveness (471)

Dario Musolino  
Stated locational preferences of entrepreneurs in Italy (527)

Samo Drobne, Marija Bogataj  
Attractiveness and stickiness of municipalities for migrants and labour commuters in Slovenia in 2000-2006 (457)
11:00-12:30  Special Session  Wednesday, 22nd August
ZZJ. SS SERVICES OF GENERAL INTEREST  Wed_2_B1.05
Chair: Daniel Rauhut
Luciane Borges, Mats Johansson
*SGI, territorial structures and governance: European experiences (121)*
Daniela L. Constantin, Raluca Mariana Petrescu, Claudiu Herteliu, Alina Iosif, Alina Profiroiu
*The services of general interest in Romania: legal and institutional aspects at national and territorial level (926)*
Steinar Johansen, Hild-Marté Bjørnsen
*Potentials of rural regions (purr). Developing a methodology for assessing territorial potentials of rural regions (1143)*
Daniel Rauhut, Mats Johansson
*‘Should I Stay or Should I Go?’ - A Case Study on Young Women Leaving Rural Sweden (148)*

11:00-12:30  Special Session  Wednesday, 22nd August
ZZD. SS TECHNOLOGICAL ACTIVITIES AND DIFFUSION IN THE EU AND NEIGHBOURING COUNTRIES  Wed_2_B1.07
Chair: Raffaele Paci
Stefano Usai, Barbara Dettori
*The technological activity of neighbouring countries: a comprehensive picture (182)*
Slavomir Ondos, Edward Bergman
*Patent citations and growth convergence at Europe's Former Borders (534)*
Corinne Autant-Bernard
*Spatio-temporal evolution of R&D collaboration networks: Empirical evidence from EU framework programmes (1154)*
Attila Varga, Tamás Sebestyén
*Regional Research Productivity and the Quality of Knowledge Networks (1037)*

11:00-12:30  Special Session  Wednesday, 22nd August
ZP. SS SMART SPECIALISATION: REGIONAL ECONOMIC TRANSFORMATION STRATEGIES  Wed_2_B1.08
Chair: Raquel Ortega-Argiles
Ignacio Gonzalez Vazquez, Carlo Gianelle
*Exploring interregional trade networks in Spain. Towards a new tool for supporting regional strategies for smart specialisation (376)*
Raquel Ortega-Argiles, Philip McCann
*Practical Elements in the Design of an Integrated and Territorial Place-Based Approach to EU Cohesion Policy: the case of smart specialisation (773)*
Jonatan Paton, Jaime Castillo Deal, Belen Barroeta
*The Competitive Evolution of Regions: Towards Smart Specialisation Strategies (800)*
11:00-12:30  Special Session  
ZQ. SS TERRITORIAL CO-OPERATION AND CROSSBORDER ISSUES  

Wednesday, 22nd August

Chair: Katarzyna Zawalinska

James Scott, Sárota Németh, Matti Fritsch, Heikki Eskelinen
*Territorial Cohesion at the EU’s External Border? A Finnish-Russian borderlands perspective* (626)

Dagmara Kociuba
*New solutions for cross-border cooperation in Poland - spatial planning aspect* (669)

Juan Carlos Rodriguez-Cohard, Javier Alfonso, Antonio Vázquez-Barquero
*Territorial cooperation with NON-EU regions* (837)

11:00-12:30  Special Session  
ZC. SS CREATIVE CITIES AND REGIONS  

Wednesday, 22nd August

Chair: Stefan Rehak

Dana Bajusova, Maria Spesová, Zarska Elena
*The approaches on supporting creativity as a stimulus of developing local economy* (369)

Tatiana Čorejova, Emilia Madudova, Angela Podperová
*Creative industries in the Žilina region; ICT sector* (720)

Tomas Cernenko
*Creative City and Public Management Concepts* (789)

Miriam Mockova, Petra Kunertova
*Creativity of Regions and its Monitoring in Region of Žilina* (1139)

11:00-12:30  R Session  
N. REGIONAL STRATEGIES AND POLICIES  

Wednesday, 22nd August

Chair: Irena Dokic

Hikaru Ogawa, Hiroshi Aiura
*Unit Tax versus Ad Valorem Tax: A Tax Competition Model with Cross-border Shopping* (428)

Jonas Månsson, Shahid Quoreshi
*Evaluating regional cuts in the payroll tax from a firm perspective* (567)

Zlatan Fröhlich, Irena Dokic
*Challenges in implementing Croatian regional policy within Semi-European context* (763)
11:00-12:30  R Session  Wednesday, 22nd August

K. MIGRATION AND REGIONAL LABOUR MARKET  Wed_2_C1.07

Chair: Uwe Blien

Michael Stops, Peter Dolton, Chiara Rosazza-Bondibene
The Spatial Analysis of the Employment Effect of the Minimum Wage: Case of the UK 1999-2010 (225)

Ulrich Zierahn
The causal effect of market access on wages: Evidence from German reunification (537)

Uwe Blien, Susanne Messmann, Mark Trappmann
Do reservation wages react to regional unemployment? (662)

11:00-12:30  Special Session  Wednesday, 22nd August

ZZG. SS ECONOMIC EVALUATION OF CULTURAL HERITAGE  Wed_2_C1.08

Chair: Tuzin Baycan

Nuran Zeren Gülersoy, Aysen Eskici Özten
Economic impacts of protecting the cultural heritage in urban areas (1149)

Tuzin Baycan
Cultural heritage as driver of economic development (965)

Faroek Lazrak, Piet Rietveld and Jan Rouwendal
The impact of investment in cultural heritage (1163)

11:00-12:30  O Session  Wednesday, 22nd August

G. HOUSING MARKETS, LAND USE AND REAL ESTATE  Wed_2_C1.09

Hidekazu Ito
Panel Data Analysis of the Warehouse Rental Market: Focus on the Tokyo metropolitan area, and the Aichi and Osaka prefectures (136)

Zoltan Kettinger, David Emanuel Andersson
Does the Creative Class Affect Land Values? Empirical Estimates from Sweden (552)

Miguel Vargas Roman, Dionysia Lambiri
Affordable housing policies and residential segregation in Santiago, Chile (654)

Thomas Schulz, Fabian Waltert
Local Landscape Resources and Apartment Prices: Evidence from Switzerland (938)

11:00-12:30  Special Session  Wednesday, 22nd August

ZZ. SS URBAN ECONOMICS ASSOCIATION: URBAN STRUCTURE AND URBAN SYSTEMS  Wed_2_C1.10

Chair: Stefan Tscharaktschiew

Kristian Giesen, Jens Suedekum
The size distribution across all 'cities': A unifying approach (106)

Marcus Berliant, Shin-Kun Peng, Ping Wang
Taxing Pollution: Agglomeration and Welfare Consequences (94)

Marcus Berliant, Hiroki Watanabe
A Scale-Free Transportation Network Explains the City-Size Distribution (601)

Stefan Tscharaktschiew, Georg Hirte, Alex Anas
Optimal Fuel Taxes and Urban Spatial Structure (1071)
11:00-12:30  O Session  Wednesday, 22nd August
F. GLOBALISATION AND REGIONAL COMPETITIVENESS  Wed_2_D111

Daria Zvirgzde, Javier Revilla Diez
Towards internationally competitive regions in Ukraine: critical assessment (312)

Kourilova Jana, Rene Wokoun, Milan Damborsky, Nikola Krejcova
The competitiveness of EU regions (788)

Nikolaos Kapitsinis, Theodore Metaxas
Territorial Competition: Theories, arguments, policies and lessons of the last 25 years (947)

Imre Lengyel
Competitiveness of regions of Visegrad group (Czech Republic, Hungary, Poland and Slovakia) (983)

11:00-12:30  O Session  Wednesday, 22nd August
O. SPATIAL ECONOMETRIES AND ANALYSIS  Wed_2_D112

Roger Bivand, Jan Hauke, Tomasz Kossowski
On theoretical and numerical extremes of APLE statistic (558)

Florian Schoiswohl, Philipp Piribauer, Michael Gmeinder, Matthias Koch, Manfred Fischer
The Speed of Income Convergence in Europe: A case for Bayesian Model Averaging with Eigenvector Filtering (744)

Rosa Bernardini Papalia, Esteban Fernandez-Vazquez
Information theoretic methods in small domain estimation problems: the role of spatial effects (918)

Gianni Guastella, Daniele Moro, Paolo Sckokai, Mario Veneziani
The capitalization of area payments into land rental rates in Italy: A spatial econometric approach (384)

Tamas Krisztin
A Semi-Parametric Optimization Method of the Spatial Weight Matrix: A Genetic Algorithm Approach

11:00-12:30  O Session  Wednesday, 22nd August
D. ENTREPRENEURSHIP, NETWORKS AND INNOVATION  Wed_2_D113

Tiiu Paas
Regional disparities and innovations in Europe (80)

Flavia Bliska, Celso Vegro, Thomaz Fronzaglia, Jamilsen Santos
Comparative analysis of systems for assessing regional impacts of innovations applied to coffee production (525)

Veneziano Araujo, Renato Garcia
An exam of the spatial patterns of innovation in Brazilian industry: an empirical analysis (782)

Amnon Frenkel, Shlomo Maital
Like Some, Like All, Like None: A Comparison of Five National Innovation Ecosystems, With Emphasis on Markets & Demand (993)
**11:00-12:30  O Session  Wednesday, 22nd August**

**H. INFRASTRUCTURE, TRANSPORT AND COMMUNICATIONS**

Thomas Vanoutrive  
*Explaining Port Size: Accessibility, Hinterland Competition and a Semi-Endogenously Determined W.* (668)

Tamas Dusek  
*Travel time and travel cost in European air travel* (735)

Akos Jakobi  
*Complex regional assessment possibilities of competitiveness of the information economy and society in Hungary: from regional statistics to regional policy* (940)

**11:00-12:30  O Session  Wednesday, 22nd August**

**B. CLIMATE CHANGE AND ENVIRONMENT, SUSTAINABILITY ISSUES**

Christophe Heyndrickx, Victoria Alexeeva-Talebi, Natalia Tourdyeva  
*Implications of an increase in domestic prices of gas in Russia, an application of the regional economic model SUSTRUS* (113)

Electra Pitoska, Margarita Trikka  
*Environmental Education Centers and local Community: The case of the Environmental Education Center in Meliti* (226)

Bram Smeets, Ali Bayar  
*The sustainability of economic growth in Abu Dhabi - a Dynamic CGE Approach* (335)

Yuzuru Miyata, Any Wahyuni  
*A CGE Analysis of CO2 Problems in Makassar City in Indonesia* (590)

Stijn Reinhard, Vincent Linderhof  
*Does the EU environment benefits from agri-environmental measures? A spatial econometric analysis.* (1136)

**11:00-12:30  O Session  Wednesday, 22nd August**

**K. MIGRATION AND REGIONAL LABOUR MARKET**

Anna Dzienis, Ryohei Nakamura  
*Interregional Migration Analyses based on NEG Model: Japanese and Polish Migrant`s Behavior* (138)

Yvonn Markaki, Simonetta Longhi  
*What Determines Attitudes to Immigration in European Countries? An Analysis at the Regional Level* (291)

Lutz Schneider  
*Brain drain and regional catching up – Evidence from the ‘Berlin wall experiment’* (323)

Janusz Zaleski, Zbigniew Mogila, Marta Zaleska  
*Are the effects of EU Cohesion Policy for the Polish regional labour markets worth their costs? - a study based on the results of counter-factual macroeconomic simulations.* (615)

Sascha Sardadvar, Ursula Karl-Trummer  
*Health Inequalities and Migration in Europe: Results from Microeconometric Analyses* (736)
Wednesday, 22nd August

**M. PERIPHERAL AND RURAL REGIONS**

Paolo Veneri, Vicente Ruiz  
*Urban-to-rural growth spillovers: evidence from OECD TL3 regions (142)*

Thomas Verbeek, Ann Pisman, Georges Allaert  
*The countryside in urbanized Flanders: towards a flexible definition for a dynamic policy (476)*

Signe Jauhiainen  
*Peripheral regions and municipality reform (672)*

Agata Spaziante, Carlo Rega  
*Integrating Rural Development and Regional Territorial/Landscape Planning. Tools for program implementation and monitoring (1001)*

Ramona Frunza  
*The regional disparities at NUTS 2 level in Eastern European countries: an economic and spatial approach (945)*

**I. KNOWLEDGE ECONOMY AND INNOVATION**

Petra Staufer-Steinnocher, Dominik Baier, Benjamin Burkholder, Suchi Gopal  
*Knowledge Networks and Patenting Activities in China: A Geospatial Analysis Using International Patent Systems Databases (166)*

Franz Tödtling, Michaela Trippl  
*Transformation of regional innovation systems: From old legacies towards new development paths (295)*

Erwin van Tuijl, Luis Carvalho  
*Upgrading and temporary clusters: Automotive events in Shanghai (522)*

Fabiano Compagnucci  
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*Place-based policy in North America—Who does it and whose interest does it serve?* (259)

Luis Diaz-Serrano, Andrés Rodríguez-Pose  
*Decentralization, subjective well-being and the perception of institutions* (586)

Marijana Sumpor, Irena Dokic  
*Evolving regional governance structures for future EU cohesion policy: Croatian perspectives* (770)

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ZZ. SS URBAN ECONOMICS ASSOCIATION - TRADE AND GEOGRAPHY  Wed_3_B1.03

Chair: Suzanne Kok

Marius Brülhart, Céline Carrère, Frédéric Robert-Nicoud  
*The Differential Effects of Trade Liberalization on Large and Small Towns: Theory and Evidence* (656)

Alberto Dalmazzo, Antonio Accetturo, Guido de Blasio  
*Skill Polarization in Local Labour Markets under Share-Altering Technical Change* (288)

Jens Suedekum, Sebastian Findeisen, Wolfgang Dauth  
*The rise of the East and the Far East: German labor markets and trade integration* (883)

Suzanne Kok  
*The division of labour across German cities and the extent of the market* (617)

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ZF. SS REGIONAL ATTRACTIVENESS, MOBILITY AND ATTRACTION POLICIES  Wed_3_B1.04

Chair: to be confirmed

Enrico Orrù  
*EU lagging regions investing in learning mobility: risk of further regional polarization?* (402)

Bjarne Madsen, Jie Zhang  
*Scenario analysis for Territorial attractiveness and mobility flows. Documentation and applications of the ATTREG-future model* (399)

Lionel Vedrine, Salima Bouayad-Agha, Nadine Turpin  
*How to evaluate the policies of territorial attractiveness by taking into account the spillover effects of these policies? Analysis of matching in the case of the Massif Central* (784)
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Bernhard Dachs, Bettina Peters  
*Co-operation for innovation between foreign-owned enterprises and domestic organisations in the European Union (197)*

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Bernd Ebersberger, Sverre Herstad  
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**ZO. SS RECONSIDERING THE ROLE OF UNIVERSITIES IN REGIONAL DEVELOPMENT**  
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Michaela Trippl, Helen Lawton Smith, Tanja Sinozic  
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*What are the 3rd missions in Europe’s research universities? (796)*

Mihaela-Cornelia Dan  
*Universities in the regional development process in Romania. The case study of Bucharest Academy of Economic Studies (1004)*

Ana Paula Bastos, Leandro Almeida, Marcia Diniz, Marcelo Diniz  
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**Wednesday, 22\textsuperscript{nd} August**

**ZZD. SS TECHNOLOGICAL ACTIVITIES AND DIFFUSION IN THE EU AND NEIGHBOURING COUNTRIES**  
Chair: Edward Bergman

Emanuela Marrocu, Raffaele Paci, Stefano Usai  
*The complementary effects of proximity dimensions on knowledge spillovers (167)*

Panagiotis Liargovas  
*Do business incubators and technoparks affect regional development? A comparative study in the EU and the BSEC counties (566)*

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*Disentangling the different dimensions of innovation adoption: The impact of the EU Internal Market (382)*
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**ZP. SS SMART SPECIALISATION: REGIONAL ECONOMIC TRANSFORMATION STRATEGIES**

**Chair:** Raquel Ortega-Argilés

Elisabeth Baier, Henning Kroll, Andrea Zenker  
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Carlo Gianelle, Laura de Dominicis  
*Worker diversity and firm performance in regional labour markets. Evidence from linked employer-employee data (494)*

Donato Iacobucci  
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**14:00-15:30**  
**ZQ. SS TERRITORIAL CO-OPERATION AND CROSSBORDER ISSUES**

**Chair:** Marek Kozak

Valérie Biot  
*The challenge of governance in crossborder territories: potentialities and loopholes of a recent European tool, the European Grouping for Territorial Cooperation (EGTC) (212)*

Lefteris Topaloglou, Victor Cupcea, Dimitris Kallioras, Panagiotis Pantazis  
*Territorial cooperation and socio-economic development in the Old EU, New EU and Non EU (268)*

Arno Van Der Zwet, Irene McMaster, John Bachtler  
*Governance approaches in european territorial cooperation programmes and the implications of macro-regional strategies (337)*

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**Chair:** Michaela Fuchs

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*To what extent temporary collocation erodes the contribution of the permanent clustering to innovation in manufacturing industries? (44)*

Chinchih Chen  
*Transaction cost, market and supply access, and agglomeration: evidence from Taiwan’s FDI in China (888)*

Michaela Fuchs  
*Job hopping and economic agglomeration in Germany (948)*
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**N. REGIONAL STRATEGIES AND POLICIES**  
**Wed_3_C1.06**

*Chair: Corentin Trevien*

- **Thomas Cornier, Sébastien Bourdin**  
  *European sustainability to local sustainability: a multiscalar approach (214)*

- **Gianni Guastella, Francesco Timpano**  
  *Increasing returns, decreasing returns and regional economic convergence in the EU (344)*

- **Corentin Trevien, Pauline Givord, Simon Quantin**  
  *A long-term evaluation of the first generation of the French urban enterprise zones (776)*

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**K. MIGRATION AND REGIONAL LABOUR MARKET**  
**Wed_3_C1.07**

*Chair: Michael Lucht*

- **João Pereira, Aurora Galego**  
  *Inter-regional wage differentials in Portugal: an analysis across the wage distribution (19)*

- **Florian Lehmer, Johannes Ludsteck**  
  *Wage assimilation of immigrants: which factors close the gap? – Evidence from Germany (262)*

- **Klaus Nowotny**  
  *Voluntary brain waste and the reservation wage of migrants. Evidence from Austria and three CEE countries (287)*

- **Michael Lucht, Anette Haas**  
  *Heterogeneous firms and substitution by tasks: the productivity effect of migrants (894)*

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**J. LEARNING REGIONS AND SOCIAL CAPITAL**  
**Wed_3_C1.08**

- **Maria João Simões, Domingos Santos**  
  *The digital cities and regions program in Portugal: a critical evaluation (132)*

- **José L.Calvo, Cristina Sánchez, Pedro Cortiñas**  
  *Are social exclusion and poverty measures interrelated? A study with Spanish data (213)*

- **Guido Sechi, Jurgis Skilters, Dino Borri, Caterina De Lucia**  
  *Knowledge sharing and enrichment in the Republic of Latvia: The role of physical vs virtual community linkages (381)*

- **Ilari Karppi**  
  *Towards associative meaningfulness: Maintaining social capital in community development (479)*

- **Hans Westlund, Johan P. Larsson, Amy Olsson**  
  *Startups and local social capital in the municipalities of Sweden (91)*
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P. TOURISM, CULTURAL AND CREATIVE INDUSTRIES AND REGIONAL DEVELOPMENT Wed_3_C1.09

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Joan Ganau, Pilar Riera, Daniel Paul
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Valentyn Velychko
Cultural Clusters in Ukraine and China: New Opportunities and Challenges (1044)

Katalin Döbrönte
Sustainable urban development of pilgrim cities with valuable sacral, cultural and historical heritage (1081)

14:00-15:30 O Session Wednesday, 22nd August
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Thomas Chamberlain
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Stanislaw Walukiewicz
The market triple (998)

Vasilis Angelis
A region’s attractiveness as described by a Cusp catastrophe model (1156)

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Ties Vanthillo
Dynamics of regional development in Flanders (874)

Doru Botezat
Regional Design of the Romanian Territory. A New Evidence of the Old Criteria (1033)

Katarzyna Szkdularek
The impact of the EU funds on the territorial cohesion of Wielkopolska (1040)

Teodora Dogaru
Efficiency increase in EU structural funds’ distribution and management for regional convergence (1078)

Giuseppe Pace
The notion of governance in the South Mediterranean regions: evidences from EU policies, programmes, and research (1167)
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Gianni Guastella, Daniele Moro, Paolo Sckokai, Mario Veneziani
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   Quantifying the impact of current crisis on the convergence in EU and post-crisis scenarios (433)

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   The employment effect of minimum wages when space matters (and it does) (652)

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   Youth, family and elderly migration in differing Swedish rural areas – different patterns, different outcomes (129)

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   Migration as opportunity for rural regions (297)

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   Rural-urban differences in educational outcomes: Evidence for Colombia using PISA microdata (388)

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   Employment shifts and organizational changes in the mining industry: Towards a new understanding of resource based economies in peripheral areas (726)

Chrysanthi Balomenou, Marianthi Maliari, Dimitris Lagos
   Interaction between bank branches, local entrepreneurship and development on rural and suburban areas Regional Unity of Serres (801)

Jacek Soltys
   Spatial conditions for development of peripheral areas; the case of northern Poland (1061)
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Alessio D’ignazio, Raffaello Bronzini
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Yannis Psycharis, Maria Zoi, Stavroula Iliopoulou
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Pedro Simões, Nuno Cruz, Rui Marques
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Alexander Pelyasov, Natalya Galtseva
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Richard Arnott, Eren Inci, John Rowse
  Downtown parking and traffic congestion: a diagrammatic exposition (611)

Martijn Kobus, Eva Gutiérrez-i-Puigarnau, Piet Rietveld, Jos Van Ommeren
  Drivers' willingness to pay for curb parking (rather than in a garage) (753)

Jos Van Ommeren, Russo Giovanni
  Time-varying parking prices (828)

Sergejs Gubins, Erik T. Verhoef
  Bottleneck congestion in a monocentric city with endogenous location choice (792)
Peter Nijkamp  
*Regional science and the new urban world*

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Wednesday, 22nd August  
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Wed_4_B1.03

Chair: Nicolai Wendland

Raffaello Bronzini, Eleonora Iachini  
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Guido de Blasio, Monica Andini  
*Local development that money can’t buy: Italy’s contratti di programma (464)*

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*The Effects of spatially targeted enterprise initiatives: evidence from UK LEGI (164)*

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*The IOCs Midas touch: summer olympics and city growth (886)*

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Wednesday, 22nd August  
I. KNOWLEDGE ECONOMY AND INNOVATION  
Wed_4_B1.04

Chair: Emanuela Marrocu

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*Characterizing the evolution of the EU R&D intensity gap using data from top R&D performance (321)*

Emanuela Marrocu, Raffaele Paci  
*Regional development and creativity (375)*

Galina Golobokova  
*The role of integration mechanisms in creation of regional innovative system of Magadan region (584)*

**16:00-17:30 Special Session**  
Wednesday, 22nd August  
ZZ. SS URBAN ECONOMICS ASSOCIATION - SPATIAL INTERACTIONS  
Wed_4_B1.05

Chair: Thomas de Graaff

Kentaro Nakajima, Yukiko Saito, Iichiro Uesugi  
*The localization of interfirm transaction relationships (503)*

Raphael Parchet  
*Are local tax rates strategic complements or substitutes? (313)*

Stephen Billings, Erik Johnson  
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ZT. SS ACADEMIC KNOWLEDGE COMMERCIALIZATION AND VALORIZATION: INTERNATIONAL PERSPECTIVES

Wed_4_B1.06

Chair: Tuzin Baycan

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*Academic knowledge commercialization in Romania - a discriminant analysis (478)*

Tuzin Baycan  
*Commercialization of knowledge and technology in Turkey (1036)*

Attila Varga, Katalin Erdős, Márton Horváth, Freddy Pachys  
*What determines the quality of academic patenting? An EU-US comparative analysis (1038)*

Maria Abreu, Vadim Grinevich  
*Creative destruction by academics: The determinants of intensity of new firm creation and knowledge transfer (572)*

Tuzin Baycan, Özge Öner  
*Clustering patterns of university spinoffs in Sweden (1147)*

16:00-17:30  Special Session  Wednesday, 22nd August

ZZD. SS TECHNOLOGICAL ACTIVITIES AND DIFFUSION IN THE EU AND NEIGHBOURING COUNTRIES

Wed_4_B1.07

Chair: Edward Bergman

Ksenia Gonchar, Victoria Golikova, Boris Kuznetsov  
*Entry into export markets as an incentive to innovate. Evidence from the Russian manufacturing industry survey (211)*

Enrique López-Bazo, Elisabet Motellón  
*Exports and innovation. Do regions really matter? (290)*

Victoria Golikova, Gonchar Ksenia, Boris Kuznetsov  
*The role of domestic and foreign networks in exporting of Russian manufacturing firms: evidence from panel data (556)*

16:00-17:30  R Session  Wednesday, 22nd August

F. GLOBALISATION AND REGIONAL COMPETITIVENESS

Wed_4_B1.08

Chair: Michael Moritz

Maureen Lankhuizen, Thomas De Graaff, Henri De Groot  
*Product heterogeneity, intangible barriers & distance decay: The effect of multiple dimensions of distance on trade across different product categories (151)*

Laura Resmini, Laura Casi  
*FDI and growth in Europe: the role of territorial capital (485)*

Michael Moritz, Johannes Schaeffler  
*Regional distribution of German-Czech multinationals on the domestic market (519)*
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Dany Nguyen-Luong
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Tomaz Dentinho, Vasco Silva
Optimization of location services in the city of Huambo. Confirmation of the theory of central places (254)

Chris Thompson, Martin Clarke, John Stillwell
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Torben Dall Schmidt
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Balázs Lóránd
Regional policy and the implementation of subsidiarity (261)

Luigi Mundula
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Vit Sumpela
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Martijn Smit, Eveline van Leeuwen
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Katharina Jarmai
  Mutual learning and networking: Increasing the innovation potential through foresight (152)

Eva Gajzago
  Changing tasks of innovation intermediary organizations (565)

Kenichi Ishibashi, Jingsan Lin
  Integrating the POS data and social media (775)

Mete Basar Baypinar
  Economic and Spatial Development of Software Industry in Turkey (1018)

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K. MIGRATION AND REGIONAL LABOUR MARKET

Marije Hamersma, Arjen Edzes, Jouke van Dijk
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Guenter Haag, Philipp Liedl, Barbara Schwengler, Ekaterini Sdogou
  Simulating the regional effects of the last economic crises: the German case study (378)

Lasse Sigbjørn Stambøl
  Regional branch-mix, firm size, job growth and job reallocation (650)

Tuomo Suhonen
  The role of distances and parents’ educational background in university field of study choice (751)

Marek Andrejkovič, Zuzana Hajduová
  Minimum wage and its impact to macroeconomic indicators (959)

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G. HOUSING MARKETS, LAND USE AND REAL ESTATE

Chair: Alexandra Kröll

Daniel Felsenstein, Michael Beenstock
  Spatial spillover in housing construction (134)

Petra de Jong, Jan Rouwendal, Aleid Brouwer
  Housing preferences and attribute importance among Dutch older adults: a conjoint choice experiment (350)

Alexandra Kröll, Oliver Farhauer
  Examining the roots of homelessness - The impact of regional housing market conditions and the social environment on homelessness in Germany (370)
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*Demographic Change and Local Fiscal Stress* (419)

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*Geodemographics: Creating a classification at the level of the individual* (708)

Dulce Pimentel, António Rodrigues, José António Tenedório, Nuno Soares, Fernando Martins
*Agglomeration and conglomeration effects in Mainland Portugal: a tale of confronting interpretations of a landscape using spatial statistics* (960)

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*Tax regimes and the social divide of land: an exploratory analysis of the rental market in urban and rural areas of Continental Portugal* (967)

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Katharina Pijnenburg
*Entrepreneurship and economic performance - a geographically weighted regression approach for European regions* (326)

Jochen Späth, Andreas Koch, Harald Strotmann
*The role of employees for post-entry firm growth* (445)

Heike Schröder
*Application of the micro-meso-macro framework in economic geography* (448)

Heike Delfmann, Sierdjan Koster, Philip McCann, Jouke van Dijk
*New firm formation and its effect on employment growth in declining regions* (465)

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*Clusters in the regional innovation system of the Lublin region* (18)

Evgeniya Kolomak
*Urbanization and economic development in Russia* (82)

Tomasz Brodzicki, Maciej Tarkowski, Dorota Ciolek
*On methodology of industrial clusters mapping. The case of Poland* (117)

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*Market shift and spatial pattern: A general footloose factors model of new economic geography* (555)

Johanna Vogel
*Agglomeration and growth: evidence from the regions of Central and Eastern Europe* (1089)
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Ryohei Nakamura, Yoshi Ishikawa, Akira Matsumoto
Endogenous correction of regional economic disparities by making use of regional environmental resources (wooden biomass): extension of inter-regional Input-Output Model (607)

Pedro Simões, Nuno Cruz, Rui Marques
Systems of packaging waste recycling in the EU: comparing five different case-studies (1013)

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Sustainability dimensions of agricultural development in Almería (Spain): The experience of 50 years (256)

H. INFRASTRUCTURE, TRANSPORT AND COMMUNICATIONS
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Chair: Omer Selvi

Andreas Kappeler, Albert Solé-Ollé, Andreas Stephan, Timo Välilä
Does fiscal decentralization foster regional investment in productive infrastructure? (60)

Olaf Jonkeren, Bogdan Dorneanu, Georgios Giannopoulos, David Ward
Regional economic assessment of critical infrastructure failure in the EU: A combined systems engineering and economic model (92)

Omer Selvi
Defining the aviation impact area of Europe through the aviation accident database (841)

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Wed_4_D117

María del Carmen Delgado López, Manuel Alejandro Cardenet Flores, María del Carmen Lima Díaz
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Sebastien Bourdin
Modeling and simulation of European structural funds: convergence or divergence of regions with the enlargement? (163)

Evgueni Poliakov, Olga Ivanova
Evaluating macroeconomic effects of European cohesion policy based on microeconomic evidence of investment impacts (840)

Daniela L. Constantin
Middle of the road: Romania’s regional policy in the current eu programming period (920)
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Chair: Josep-Maria Arauzo-Carod

Karolien De Bruyne, Karen Crabbé, Bruno Merlevede
   Location determinants for different entry modes in Europe (316)

Jordi Jofre-Monseny, Raquel Marín-López, Elisabet Viladecans-Marsal
   When are localization and urbanization economies important? (820)

Michael Fritsch, Ronney Aamoucke
   Regional Knowledge and innovative start-ups – an empirical investigation for Germany 1995-2008 (64)
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<td>single-family housing in German counties and cities</td>
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<td>Ronan Lyons</td>
<td>Search costs, sorting and “property ladder” effects: evidence from</td>
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<td>Nikhilesh Sinha, Shahen Dastur</td>
<td>Private low-cost housing and the peri-urban frontier: the economics</td>
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<td>11:00-12:30</td>
<td>Special Session</td>
<td>Jaume Masip Tresserra</td>
<td>Does employment density death? Towards a new integrated methodology</td>
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<td>to identify and characterize sub-centres</td>
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<td>Daniela Strube</td>
<td>A model of technology transfer and convergence with endogenous</td>
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<td>Javier Barbero</td>
<td>The multiregional core-periphery model: the role of the spatial</td>
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### 11:00-12:30  Special Session

**Thursday, 23rd August**

**ZZ. SS - YOUNG SCIENTISTS**

**REGIONAL DEVELOPMENT AND ENTREPRENEURSHIP**

Chair: Jouke van Dijk

**Heike Delfmann**  
*Population change and new firm formation in urban and rural regions (466)*

**Felix-Constantin Burcea**  
*Quality of investment environment. Evidence from Romania (905)*

**Mariya Rostovtceva, Zoya Trifonova, Tatiana Davidova**  
*Estimation of tourist potential of a particular territory (277)*

### 11:00-12:30  Special Session

**Thursday, 23rd August**

**ZZ. SS - YOUNG SCIENTISTS**

**EFFECTIVENESS AND EVALUATION OF REGIONAL POLICY**

Chair: Philip McCann

**Francisco Yépez Muñoz**  
*Europe 2020 and cohesion policy. Implications for transition regions. The case of Andalusia (750)*

**Lionel Vedrine**  
*Allocation of European structural funds and strategic interactions: is there a yardstick competition between regions in the public aid for development? (760)*

**Adrienn Reisinger**  
*Social participation and local development – role of civil/nonprofit organisations (1005)*

### 11:00-12:30  Special Session

**Thursday, 23rd August**

**ZZ. SS - YOUNG SCIENTISTS**

**INNOVATION, ENTREPRENEURSHIP AND LIFE-LONG LEARNING**

Chair: Roberta Capello

**Verena Peer**  
*Lifelong learning – the added value of informal learning activities for a sustainable development of rural regions (865)*

**Viroj Jienwatcharamongkhol, Mohammad Hossein Tavassoli**  
*Bridging firm’s innovation, productivity and export: an analysis using Swedish CIS data (885)*

**Gabriella Imre**  
*The characteristics of the Hungarian FDI invested in Transcarpathia (1073)*

### 11:00-12:30  Special Session

**Thursday, 23rd August**

**ZZ. SS - YOUNG SCIENTISTS**

**MODELLING AND SPATIAL ECONOMETRICS**

Chair: Piet Rietveld

**Aksel Ersoy**  
*Modelling local and regional economic development in Turkey: a Curate’s egg (179)*
Michiel Daams  
*The competitive attractiveness of the Waddenarea: identifying key spatial issues of economic relations for integrated economic and ecological modeling and monitoring (780)*

Matthias Koch  
*Spatial filtering and model interpretation for spatial durbin models (1021)*

**11:00-12:30 Special Session**

**Thursday, 23rd August**

**ZZ. SS - YOUNG SCIENTISTS**

**MIGRATION AND REGIONAL LABOUR MARKET**

Chair: Allessandra Faggian

Majlinda Joxhe  
*Selection in return migration: the role of the ethnic networks (463)*

Terhi Maczulskij  
*Employment sector and pay gaps: genetic and environmental influences (755)*

Hannu Karhunen  
*Does it pay to work before graduation from higher education? (762)*

**11:00-12:30 Special Session**

**Thursday, 23rd August**

**ZZ. SS - YOUNG SCIENTISTS**

**EVALUATING SOCIO-ENVIRONMENTAL DEVELOPMENTS IN CITIES**

Chair: Eduardo Haddad

Nan Xiang, Feng Xu, Yoshiro Higano  
*Comprehensive evaluation of effectively utilizing reclaimed water to accomplish sustainable development in Tianjin, China (205)*

Feng Xu, Nan Xiang, Higano Yoshiro  
*Comprehensive evaluation of environmental policy for water pollutants reduction in Jiaxing City, China (606)*

Mariana Morena Conceição, Gabriel Trettel Silva, Caio Costa, Débora Tomaszewski, Isabella Vallin, Silvia Zaniratto  
*Socio-environmental vulnerability and climate change in the districts of Cachoeirinha and Mandaqui – Sao Paulo, SP, Brazil (975)*

**11:00-12:30 Special Session**

**Thursday, 23rd August**

**ZZ. SS - YOUNG SCIENTISTS**

**AGGLOMERATION AND UNEMPLOYMENT**

Chair: Jens Suedekum

Ulrich Zierahn  
*Monocentric cities, endogenous agglomeration and unemployment disparities (535)*

Philipp vom Berge  
*Agglomeration and regional unemployment differentials (627)*

Teemu Makkonen  
*The competitive advantage of a peripheral university town: human and social capital perspectives from Joensuu, Finland (621)*
**14.00-15.30  Plenary Session:**

Ron Boschma

_Evolutionary Economic Geography, new wine in new bottles?_

_Followed by Round table and four panellists_

Eon Boschma, Koen Frenken, Ron Martin, David Rigby

Chair : Andres Rodriguez-Pose

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**16.00-17.30  Special Session**

ZZ. SS URBAN ECONOMICS ASSOCIATION - HOUSING

Chair: Jan Rouwendal

Tuukka Saarimaa, Mika Kortelainen

_Do homeowners benefit the neighborhood? Evidence from semiparametric hedonic regressions (472)_

Gabriel Ahlfeldt, Kristoffer Möller, Sevrin Waights, Nicolai Wendland

_On prisoner's dilemmas and gilded cages: the economics of heritage preservation (783)_

John Clapp, Piet Eichholtz, Thies Lindenthal

_Real option value over a housing market cycle: West Berlin (264)_

Jan Rouwendal, Marcus de Graaf

_The demand for mortgage debt, increases in house prices and the elderly home equity puzzle (950)_

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**16.00-17.30  Special Session**

ZZH. SS EVOLUTIONARY ECONOMIC GEOGRAPHY:

KNOWLEDGE SPILLOVERS AND RELATEDNESS

Chair: Dieter F. Kogler

Frank Van Oort, Ron Boschma, Jan-Jelle Witte

_Related variety, unrelated variety and specialization in a cross-section of European regions (689)_

David Rigby

_The geography of knowledge relatedness: technological diversification in U.S. cities, 1975-2005 (1134)_

Dieter F. Kogler, Pierre-Alexandre Balland, Ron Boschma

_Inter-organizational knowledge spillovers in the evolution of biotechnology invention, 1981-2010 (1133)_

Jose Belso-Martinez, Pierre-Alexandre Balland, Andrea Morrison

_The co-evolution between business networks and technological networks in industrial clusters: evidence from the Toy Valley in the Valencia region (1162)_

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**16.00-17.30  Special Session**

ZZ. SS URBAN ECONOMICS ASSOCIATION - LOCAL LABOUR MARKETS

Chair: Monica Andini

Roberto Antonietti

_From creativity to innovativeness: micro evidence from Italy (423)_
Hildegunn Stokke, Jørn Rattsø, Fredrik Carlsen
Urban wage premium increasing with education level: identification of agglomeration effects for Norway (459)

Monica Andini, Guido de Blasio, Gilles Duranton, William Strange
Marshallian labor market pooling: evidence from Italy (467)

16:00-17:30  Special Session  Thursday, 23rd August
ZI. SS SOCIETY IN MOTION
SPECIAL SESSION IN HONOR OF PROF. DANNY SHEFFER  Thu_4_B1.05
Chair: Ammon Frenkel

Peter Nijkamp
Behaviour of humans and behaviour of models in dynamic space (1169)

Patricio Aroca, Geoffrey Hewings, Michael Sonis
The effect of asset and credit constraint on interregional labor migration (1171)

Lewis Dijkstra, Enrique Garcilazo, Philip McCann
The economic performance of European cities and city-regions: myths and realities (1172)

Piet Rietveld, Chris Jacobs-Crisioni, Carl Koopmans
The business of shrinking distance: railway network evolution in a mixed private and public playing field (1170)

16:00-17:30  Special Session  Thursday, 23rd August
ZJ. SS ECONOMICS CRISIS AND REGIONAL RESILIENCE  Thu_4_B1.06
Chair: Yiannis Psycharis

Jouko Kinnunen, Juha Honkatukia, Juss Ahokas
Regional effects of curbing future deficits – alternative ways to respond to increasing municipal expenditures (174)

Fabio Mazzola, Rosalia Epifanio, Iolanda Lo Cascio, Giuseppe Di Giacomo
Territorial capital and the great recession: a NUTS-3 analysis for Southern Italy (508)

Yiannis Psycharis, Panagiotis Artelaris, Dimitris Kallioras, Panayiotis Pantazis, Maria Tsiapa
The spatial footprint of the ongoing economic crisis (2009- ) in Greece: assessing the resilience and development of the Greek regions (641)

16:00-17:30  Special Session  Thursday, 23rd August
ZW. SS LOCATION OF NEW PLANTS: EXTERNALITIES AND AGGLOMERATION ECONOMIES  Thu_4_B1.07
Chair: Josep-Maria Arauzo-Carod

Roberto Basile, Luigi Benfratello, Davide Castellani
Geoadditive models for regional count data: an application to industrial location (83)

Federico Pablo-Marti, Antonio García-Tabuenca, María Teresa Gallo, Juan Luis Santos, Tomás Mancha
Agent-based modeling: a promising way for modeling entrepreneurial activity from location perspective (551)

Oscar Martinez-Ibañez, Miguel Manjón-Antolin, Josep-Maria Arauzo-Carod
Smooth estimation and testing of the geographical scope of economic variables (664)


16:00-17:30  **Special Session**
Thursday, 23rd August

ZD. SS RECENT ADVANCES IN SPATIAL ECONOMETRICS
(IN HONOR OF JAMES LESAGE)

Chair: Manfred M. Fischer

Manfred M. Fischer
*Introducion to the session Recent Advances In Spatial Econometrics*

Roger Bivand, Rolf Brunstad
*Transport investments, business cycles and regional growth: a preliminary study* (366)

Elsie Echeverri-Carroll, Sofia G.Ayala
*Employment growth and gender-specific entrepreneurial externalities in cities* (1161)

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16:00-17:30  **Special Session**
Thursday, 23rd August

ZL. SS URBAN TRANSFORMATION IN CHINA

Chair: Riccardo Cappelin

Han Liang
*Theory and practice on building global city with Chinese characteristics: Beijing as a case* (394)

Ziye Na, Mingwei Liu
*Spatial transformation in Shanghai: the strategy, institutional arrangement and planning procedures - the case of EXPO 2010* (889)

Ling Xue
*Research on on-equilibrium dynamic simulation of spatial evolution of the polycentric structure in metropolitan area in China* (994)

Ziye Na, Yifeng Yao
*The comparative advantages of the economic zone on the west shore of the Taiwan strait among the southeast coast cities of China and its development strategies* (1019)

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16:00-17:30  **O Session**
Thursday, 23rd August

D. ENTERPRENEURSHIP, NETWORKS AND INNOVATION

Antonio Bliska, Antonio Ferraz, Paulo Leal, Flavia Bliska
*Model for identification of management degree in Brazilian coffee production* (548)

Ioannis Katsikis, Garyfallos Fragidis, Dimitrios Paschaloudis
*International and cross border entrepreneurship: the case of Greece and Bulgaria* (779)

Selyf Morgan
*Business and knowledge networks among universities, public agencies and firms: learning from specific examples* (884)

Corinne Autant-Bernard
*Spatio-temporal evolution of R&D collaboration networks: empirical evidence from EU framework programmes* (1154)

Mozhdeh Taheri, Marina van Geenhuizen
*Gaining global knowledge by university spin-off firms. An absorptive capacity approach* (966)
16:00-17:30  R Session Thursday, 23rd August
D. ENTERPRENEURSHIP, NETWORKS AND INNOVATION Thu_4_C1.06

Chair: Jonas Månsson

Franz Kronthaler, Katharina Becker, Kerstin Wagner
  *Combination of regional characteristics for start-up activity in Switzerland (90)*

Andreas Koch, Elena Biewen
  *Are firms in business groups more productive? An empirical analysis based on German micro-level data with a special emphasis on the roles of regional and sectoral diversity (795)*

Jonas Månsson, Barbro Widerstedt
  *The Swedish business development program – evaluation and some methodological and practical notes (858)*

16:00-17:30  O Session Thursday, 23rd August
K. MIGRATION AND REGIONAL LABOUR MARKET Thu_4_C1.07

Aleksey Oshchepkov
  *Minimum wages and informal employment: What can be learned from Russian data? (513)*

Uwe Blien, Jan Mutl, Katja Wolf
  *The wage curve in Western Germany - a spatial dynamic panel approach (687)*

Johan H.L. Oud, Henk Folmer, Roberto Patuelli, Peter Nijkamp
  *Endogenous or exogenous wages in German regional labour markets? ‘Regional Evolutions’ in a continuous-time spatial-dependence framework (979)*

Therese Norman, Oezge Oener
  *Spatial wage premium in retail and wholesale sectors in Sweden (1132)*

16:00-17:30  R Session Thursday, 23rd August
I. KNOWLEDGE ECONOMY AND INNOVATION Thu_4_ C1.08

Chair: Luisa Gagliardi

Adi Weidenfeld, Peter Bjork, Allan Williams
  *Relational Proximity and knowledge transfer between service firms and customers in European cross border regions (189)*

Gianni Guastella, Frank Van Oort
  *Knowledge creation vs knowledge co-production: knowledge intensive business servives and innovative activity in EU regions (424)*

Manuel Acosta, Daniel Coronado, Esther Ferrándiz, M.Dolores León
  *Does inter-regional scientific collaboration in scientific research affect the quality of scientific production? (1015)*

Luisa Gagliardi, Riccardo Crescenzi
  *Moving people and ideas: the role of inventors' mobility in the generation of innovation (1146)*
16:00-17:30  O Session  
G. HOUSING MARKETS, LAND USE AND REAL ESTATE  
Thursday, 23rd August

Patrick Schirmer, Christof Zöllig, Kirill Müller, Balz Bodenmann, Kay W. Axhausen
  Landuse simulation on the Canton of Zurich using urbansim - results of the first run (260)

Philip Graves, Alessandra Faggian, Mark Partridge
  Rent/Value ratios in spatial disequilibrium: booming versus lagging cities (407)

Gunther Maier, Shanaka Herath
  Amenities or distance decay? The determinants of the spatial structure of apartment prices in the Viennese housing market (520)

16:00-17:30  O Session  
R. LOCATION THEORY AND STUDIES  
Thursday, 23rd August

John Hicks, Parikshit Basu, Richard Sappey
  The impact of changing industrial specialisation on regions in Australia (15)

Tatsuaki Kuroda
  A model of stratified production process and spatial risk (604)

Jessie Bakens, Thomas de Graaff, Peter Nijkamp
  Location decisions: integrating the labour and housing market (692)

Egle Tafenau
  Welfare conclusions in the models of the new economic geography (1104)

16:00-17:30  O Session  
Q. URBAN ECONOMY  
Thursday, 23rd August

Ho Yeon Kim
  Shrinking population and the urban hierarchy (349)

Johan Lundberg
  Gender representation and local public expenditures (367)

Minette D’Lima, Francesca Medda, Alan Wilson
  Transport investment impacts on urban space (729)

Daniel Arribas-Bel, Fernando Sanz-Gracia
  The existence of agglomeration shadows at the metropolitan level (1028)

Laurent Van Malderen, Marcel Gérard
  Tax interaction among Walloon municipalities: Is there room for partisan monopoly effect? (1051)

16:00-17:30  O Session  
B. CLIMATE CHANGE AND ENVIRONMENT, SUSTAINABILITY ISSUES  
Thursday, 23rd August

Hiroyuki Shibusawa, Katsuhiro Sakurai, Takeshi Mizunoya, Nian Li
  A simulation analysis of the water environment and the regional economy in Toyogawa basin (105)

Sophie Legras
  From the tank to climate change: multiple environmental impacts of wastewater management (469)

Hisa Morisugi, Shinichi Mutoh
  Definition and measurement of natural disaster damage cost by DCGE (589)
Yuzuru Miyata, Indrawan Permana
The general equilibrium model of illegal settlements in Palangkaraya City, Indonesia: a numerical simulation (592)

Mehmet Kuucukmehmetoglu, Abdurrahman Geymen
Transboundary water resources allocation under various parametric conditions: the case of the Euphrates & Tigris river basin (613)

16:00-17:30  O Session  Thursday, 23rd August
H. INFRASTRUCTURE, TRANSPORT AND COMMUNICATIONS Thu_4_D113

Isabelle Thomas, Pierre Frankhauser
Measuring the morphology of road networks and built-up surfaces: a mesoscale fractal approach (109)

Pietro Zito, Salvatore Amoroso, Girolamo D’Anneo
The quality of life in urban areas: mobility and social exclusion (355)

Mariko Futamura, Takamune Fujii
Automotive tax system, fuel price appreciation, and preference shifting: How does the green tax regime promote green car consumption in Japan? (842)

Marius Theriault, Louis Alexandre
Is carsharing efficient to lower transportation greenhouse gas emissions? (990)

Axel Schaffer, Ingrid Ott, Gernot Liedtke
On the role of integration on regional convergence (839)

16:00-17:30  O Session  Thursday, 23rd August
P. TOURISM, CULTURAL AND CREATIVE INDUSTRIES AND REGIONAL DEVELOPMENT Thu_4_D114

Antonio Russo
Branding Brazilian slums through ‘freeware’ cultural production: the case of Rio de Janeiro (365)

Electra Pitoska
Quality systems and practices in agro-ecotourism enterprises in rural trans-border regions (221)

Bianca Biagi, Maria Giovanna Brandano, Claudio Detotto
Does tourism affect crime? A spatial panel data of tourism countries (853)

Eva Psatha, Alex Deffner
The complicated relationship between leisure, culture and tourism from the perspective of the quality of urban life (901)

16:00-17:30  O Session  Thursday, 23rd August
I. KNOWLEDGE ECONOMY AND INNOVATION Thu_4_D115

Slavomir Hidas, Martyna Wolska, Manfred M. Fischer, Thomas Scherngell
Agglomeration and network effects on regional knowledge production activities in Europe (393)

Bruno Merlevede
Does it take time to travel distance? Geography, timing since entry and knowledge spillover (456)

Peter Warda, Urban Gråsjö, Charlie Karlsson
Spatial knowledge spillovers in Europe: a meta-analysis (622)

Steven Bond-Smith
Knowledge spillovers in a multi-industry growth model with industrial clustering (632)
A. AGGLOMERATION AND CLUSTERS

Boris A. Portnov

*Does Gibrat’s law for cities hold when location counts? (55)*

Alessandro Airaldi, Valentina Mini

*Exploring the (un)conscious decision process of firm location through an agent-based model approach (133)*

Saime Kayam

*Are regions of Turkey integrated? Testing market integration using price differences (175)*

Carmen Beatrice Pauna, Nona Mihaela Chilian

*Territorial competitiveness in Romania – the role of economic clusters (713)*

Mark Thissen

*Regional spillovers of cohesion policy; an applied spatial CGE analysis (1074)*

N. REGIONAL STRATEGIES AND POLICIES

Euijune Kim, Geoffrey Hewings, Changkeun Lee

*Impact of educational and training program on an economic loss from the population aging using an interregional CGE model of Korea (427)*

Jan Hauke, Paweł Churski

*Statistical tools in the analysis of regional economic growth and stagnation; methods and empirical examples (798)*

Dzamila Bienkowska, Peter Svensson

*Regional growth strategies – the role of higher education institutions (863)*

Moritz Ortegel

*Translating regional development concepts into local logics. A dispositive analysis of the “creative city” idea’s translation into the logics of the European Metropolitan Region Nuremberg (1022)*

D. ENTERPRENEURSHIP, NETWORKS AND INNOVATION

Alessandra Faggian, Elizabeth Mack, Kevin Stolarick

*Does religion stifle entrepreneurship? A spatial perspective of religious impacts on entrepreneurship (103)*

Felix Modrego, Philip McCann, William Foster, Rose Olfert

*Economic geography in a crazy geography: market potential and entrepreneurship in Chile (310)*

Eleonore Huang Vogel

*Entrepreneurial opportunity recognition and exploitation in the academia: a dynamic process of networking (1091)*

Maria Plotnikova, Juan A. Martínez-Román, Isidoro Romero

*Process innovation in small businesses: investigating the innovative behavior of the self-employed (1155)*
09:00-10:30  Plenary Session:  Friday, 24th August

European Investment Bank Round Table
Regional & Urban Development in an Aging Europe

11:00-12:30  Special Session  Friday, 24th August

ZI. SS AIR TRANSPORT AND LOCAL DEVELOPMENT  Fri_2_B1.02

Chair: Jorge Miguel Silva

Stephan Horn
The spatially differentiated air freight demand of the manufacturing industry in Germany (484)

Aliza Fleischer, Anat Tchetchik, Tomer Toledo
The impact of fear of flying on travelers' flight choice – choice model with latent variables (143)

Ewa Pancer-Cybulksa, Lukasz Olipra
Impact of the air transport on the regional labour markets. The case of Wroclaw airport (1002)

Maria Emilia Baltazar, Jorge Silva, Margarida Vaz, Verna Allee, Tiago Marques
Interrelationships among airports and the hinterland players. A value network analysis approach (514)

11:00-12:30  Special Session  Friday, 24th August

ZS. SS KNOWLEDGE, INNOVATION AND REGIONAL GROWTH  Fri_2_B1.03

Chair: Roberta Capello

Raffaele Paci, Emanuela Marrocu
Knowledge assets and regional performance (168)

Roberta Capello, Camilla Lenzi
R&D, innovation and economic growth: spatial heterogeneity in Europe (187)

Riccardo Crescenzi, Andres Rodriguez-Pose
R&D, socio-economic conditions and the territorial dynamics of innovation in the United States (389)

Selyf Morgan
Creative growth: developing a TV and digital media sector in Wales (540)

11:00-12:30  Special Session  Friday, 24th August

ZZG. SS ECONOMIC EVALUATION OF CULTURAL HERITAGE  Fri_2_B1.04

Chair: Jan Rouwendal

Ruben van Loon, Tom Gosens, Jan Rouwendal
Destination choice for recreation in the Netherlands: assessing the influence of destination-specific cultural attributes (658)

Mark van Duijn
The residential location choice and income distribution in cities with a historic city centre (733)

Karima Kourtit, Jan Möhlmann, Peter Nijkamp, Jan Rouwendal –
Mark van Duijn, Faroek Lazrak, Piet Rietveld, Jan Rouwendal

*Cultural transformation of brownfields: The effect of the Westergasfabriek on house prices and household demographics*

**11:00-12:30  Special Session**  
Friday, 24th August

**ZZA. SS CREATIVE INDUSTRIES AND WEALTH IN EUROPEAN REGIONS:**  
CAUSALITY ISSUES  
Fri_2_B1.05

Chair: Rafael Boix Domenech

Rafael Boix Domenech, Blanca De Miguel Molina, Jose Luis Hervas Oliver  
*Creative industries and the growth of the European regions (185)*

Antonio Russo, Alan Quaglieri Domínguez  
*The nexus between creative workforce and economic development: looking for the causal relation (364)*

Pau Rausell-Köster  
*Looking for causality: Creative sectors and regional wealth (1093)*

**11:00-12:30  Special Session**  
Friday, 24th August

**ZQ. SS TERRITORIAL CO-OPERATION AND CROSSBORDER ISSUES**  
Fri_2_B1.06

Chair: Grzegorz Gorzelak

Adam Ploszaj, Swetkowski Maciej  
*Transnational territorial cooperation in Europe – spatial patterns and regional determinants (543)*

Boar Nicolae, Sorin Kosinszki  
*Tourism cooperation projects in the cross border Romanian-Ukrainian maramures. Vectors for sustainable development? (636)*

Marek Kozak  
*Territorial co-operation: strenghts and weaknesses. Recent Czech-Polish experience (907)*

**11:00-12:30  R Session**  
Friday, 24th August

**R. LOCATION THEORY AND STUDIES**  
Fri_2_B1.07

Chair: Jean-Claude Thill

Toshiharu Ishikawa  
*The role of the urban system in a regional government’s location policy (43)*

Daisuke Nakamura  
*Social welfare, internal and external economies for integration of public service (331)*

Jean-Claude Thill, Min Chen, Eric Delmelle  
iGLASS: An open source visualization platform for interactive school location planning with local re-optimization (976)
Special Session
Friday, 24th August

11:00-12:30  MN. SS RECENT ADVANCES IN SPATIAL ECONOMETRICS (IN HONOR OF JAMES LESAGE)

Chair: Manfred M. Fischer

Jesus Crespo Cuaresma, Martin Feldkircher
Learning about spillovers: lessons from the crisis (233)

Harald Badinger
Measuring the world economy (240)

Manfred M. Fischer, James P. LeSage
A bayesian approach to identifying and interpreting regional convergence clubs in Europe (217)

11:00-12:30  MN. SS REGIONAL INTEGRATION AND JAPAN-EU ECONOMY

Chair: Kenji Kondoh

Yasuhiro Takarada, Takeshi Ogawa, Weijia Dong
International trade and management of shared renewable resource (72)

Nicola Coniglio, Kenji Kondoh
Subsidy to environmental industry in a north-south model of trans-boundary pollution, trade and migration (74)

Kiyoshi Matsubara
Home-market and cost effects of international product-quality allocation (284)

Akos Jakobi
Economic and social motives of using geography-related information and communication technologies: a Japanese-Hungarian comparative study (683)

Takamune Fujii
Regional integration patterns in East Asia and Europe: production differentiation or production networking? (817)

11:00-12:30  NO. SESSION

N. REGIONAL STRATEGIES AND POLICIES

Sebastian Brun
Centralized versus decentralized provision of public goods: The case of forest conservation in Himalaya (549)

Martha Geraki, Serafeim Polyzos
Regional allocation of public investment (695)

Doru Botezat
Strategic architecture of the public services. A challenge between regional design and administrative pressures. Evidence from the Romanian health system reform (1031)
11:00-12:30  R Session  Friday, 24th August
L. NEW FRONTIERS IN REGIONAL SCIENCE: THEORY AND METHODOLOGY  Fri_2_C1.06

Chair: Fernando Perobelli

Eveline Van Leeuwen, Mark Lijesen
Agent-based spatial competition (156)

Stefano Magrini, Margherita Gerolimetto, Engin Duran
Distortions in cross-sectional convergence analysis when the aggregate business cycle is incomplete (502)

Natalia Zigern-Korn
Regional development potential: the evolution of methodological approaches in the Russian Federation domestic regional studies (771)

Fernando Perobelli, Eduardo Haddad, Vinicius Almeida
Assessing the Brazilian regional economic structure: a spatial output decomposition analysis (896)

11:00-12:30  O Session  Friday, 24th August
K. MIGRATION AND REGIONAL LABOUR MARKET  Fri_2_C1.07

Peter Schmidt
The EU structural funds as a means to hamper migration (383)

Robin Lovelace, Dimitris Ballas
Modelling commuter patterns: a spatial microsimulation approach for combining regional and micro level data (730)

Merja Kauhanen, Mari Kangasniemi
Characteristics and labour market performance of East-European immigrants in Finland, Germany, the Netherlands and the United Kingdom (806)

Andres Rodriguez-Pose, Viola von Berlepsch
The legacy of migration on local development in the US (980)

D’Artis Kancs, Enrique Lopez-Bazo, Fabio Manca, Damiaan Persyn
Modelling migration and regional labour markets: an application of new economic geography model Rhomolo (808)

11:00-12:30  R Session  Friday, 24th August
Q. URBAN ECONOMY  Fri_2_C1.08

Chair: Sofia Franco

Miguel Vargas Román
Economic residential segregation and educational achievements: evidence from Chile (170)

Nestor Garza
Skyscrapers and the economy (414)

Sofia Franco
Urban Containment: An Effective Tool for Environmental Protection? (265)

Manfred Paier, Manuela Korber, Ernst Gebetsroither, Klaus Kubeczko
Smart in the City: Institutions Affecting User Involvement in Future Electricity Grids (1083)
11:00-12:30   O Session

D. ENTREPRENEURSHIP, NETWORKS AND INNOVATION

Manuela Korber
Simulating the effects of public research funding on innovation in life sciences: direct research funds vs. tax incentives (62)

Iris Wanzenböck, Thomas Scherngell, Rafael Lata
What determines the embeddedness of European regions in EU funded R&D networks? Evidence using graph theoretic approaches and spatial panel modeling techniques (451)

Michael Barber, Thomas Scherngell
Inter-regional betweenness centrality in the European R&D network: empirical investigation using European framework data (460)

Elisabeth Bublitz, Michael Fritsch, Michael Wyrwich
An analysis of the symbiotic relationship between market thickness, innovation, and entrepreneurial skill balance (670)

Rafael Lata, Thomas Scherngell, Thomas Brenner
Integration processes in European R&D: a comparative spatial interaction approach using project based R&D networks, co-publication networks and co-patent networks (836)

11:00-12:30   R Session

B. CLIMATE CHANGE AND ENVIRONMENT, SUSTAINABILITY ISSUES

Chair: Carlos Bacha

Georg Hirte, Stefan Tscharaktschiew
The optimal subsidy on electric vehicles in a metropolitan area – a SCGE study for Germany (324)

Soushi Suzuki, Peter Nijkamp, Piet Rietveld
A preference allocation – DFM model in data envelopment analysis – an application to energy-environment-economic efficiency in Japan (332)

Rodolfo Prates
An econometric study of deforestation in the Brazil’s Amazonian municipalities (651)

11:00-12:30   O Session

E. FINANCE AND REGIONAL DEVELOPMENT

Maria Stella Chiaruttini
The role of financialisation in the geography of European structural change (245)

Tomas Zelinsky
Determinants of monetary poverty in the European Union (435)

Jussi Ahokas
Geographies of monetary economy and the European economic crisis (437)

Vasilis Angelis, Eleni Gaki, Katerina Dimaki, Nikolaos-Iason Koufodontis
Economic crisis and regional disparities (1158)
11:00-12:30 O Session  Friday, 24th August

L. NEW FRONTIERS IN REGIONAL SCIENCE: THEORY AND METHODOLOGY  Fri_2_D112

Hiroshi Sakamoto
  Future prediction of the prefectural economy in Japan: using a stochastic model (139)

Tomoki Ishikura, Atsushi Koike, Keisuke Sato
  An analysis on differences in spatial computable general equilibrium models by market structure assumption – a comparison of perfect competition modeling and monopolistic competition modeling (333)

Giovanni Guastella, Stefano Marta, Francesco Timpano
  The evolutionary perspective of regional resilience: evidence from the European regions (403)

Dimitris Ballas
  A spatial microsimulation approach to the analysis subjective happiness and well-being (799)

11:00-12:30 O Session  Friday, 24th August

C. DEMOGRAPHY AND POPULATION  Fri_2_D113

Katarina Haugen
  The accessibility paradox - everyday geographies of proximity, distance and mobility (89)

Tatiana Blinova, Svetlana Bylina
  Determinants of mortality in Russian regions: an empirical analysis (150)

Jozef Mládek, Marcela Káčerová, Jana Ondačková
  Population ageing in the Czech Republic and the Slovak Republic - generations support and exchange (334)

Michelle Almond
  Spatial variations in childhood obesity: the school and neighbourhood geographies (814)

Jaume Masip Tresserra
  Identifying the employment and population centers at regional and metropolitan scale: the case of Catalonia and Barcelona (70)
11:00-12:30  O Session  Friday, 24th August

H. INFRASTRUCTURE, TRANSPORT AND COMMUNICATIONS

Fri_2_D114

Silvia Rossetti, Michela Tiboni
Suburban collective transit and land use: a methodological approach (354)

Fabio Bianchi
Integrated fare systems for local public transport: a regional prospective (581)

Tom Gosens, J. Rouwendal
Travel mode choice for social and recreation purpose trips in urban systems: examining the linkages to longer-term household decisions (665)

Francesca Medda, Gianni Carbonaro
Public private partnerships in transportation: a toolkit for application (921)

Laurent Van Malderen, Bart Jourquin, Isabelle Thomas
Employers transport plans: do they change the commuting behaviour of workers? (1048)

11:00-12:30  O Session  Friday, 24th August

I. KNOWLEDGE ECONOMY AND INNOVATION

Fri_2_D115

Victor Raul Lopez Ruiz, Domingo Nevado Peña, Jose Luis Alfaro Navarro
A new measure of local development: intellectual capital approach applied to cities (315)

Mirja Meyborg, Axel Schaffer
Joint knowledge generation of German elite-universities – a social network analysis of publications with a focus on the spatial dimension (488)

Høgni Kalsø Hansen, Lars Winther
The geography of talent: employment growth, spatial dynamics and the impact of the public sector in Denmark (633)

Angelika Jaeger, Fabian Kreutzer
Brain drain or brain gain? Graduate migration in peripheral regions – Analysis of the Central Lower Rhine Area, Germany (734)

Johannes Kopper
Ranking of higher education institutions (HEIs) based on a department-specific consideration (741)

11:00-12:30  O Session  Friday, 24th August

A. AGGLOMERATION AND CLUSTERS

Fri_2_D116

Joanna Kuczewska, Lech Kujawski, Tomasz Brodzicki
Microeconomic benefits of industrial clustering (135)

Argentino Pessoa
Regional cluster policy: key features and critical issues (250)

Lars Schieber, Ivo Mossig
Cluster evolution between regional growth and lock-in (497)

Davide Fiaschi, Angela Parenti
Measuring the degree of interconnectedness between European regional outputs (913)

Reveiu Adriana
The geography of regional clusters in Romania and their importance for entrepreneurial activities (1075)

51
Antti Simola, Juha Honkatukia, Jouko Kinnunen, Jussi Ahokas  
*Coping with structural change – the regional effects of decentralisation in Finland* (342)

Ageliki Anagnostou, Stephanos Papadamou  
*The effects of monetary policy shocks across the Greek regions* (507)

Cristina Brasili, Annachiara Saguatti, Federica Benni, Aldo Marchese, Diego Gandolfo  
*The impact of the economic crisis on the territorial capital of Italian regions* (644)

Lars Westin  
*The rise and decline of a resource based region in northern Scandinavia* (815)

Ageliki Anagnostou, Ioannis Panteladis, Maria Tsiapa  
*Business cycle synchronization in the EU regions* (924)

Timo Mitze, Philipp Breidenbach  
*Border effects in a borderless Union* (515)

Rosa Bernardini Papalia, Pinuccia Calia  
*An information theory based multidimensional approach to competitiveness measurement* (850)

Martijn Smit, Jan Möhlmann, Otto Raspe  
*Foreign(-owned) companies and their employees in the Netherlands* (933)
### 14:00-15:30   Special Session

**ZI. SS AIR TRANSPORT AND LOCAL DEVELOPMENT**  
**Friday, 24th August**

Chair: Jorge Miguel Silva

Andre Marques, Sara Zorro, Luís Patrão, Jorge Silva, Miguel Castelo-Branco  
*Light aviation and flight safety: monitoring system for unpressurised cabins. Flight and physiological data acquisition (854)*

Sara Zorro, Andre Marques, Luís Patrão, Jorge Silva, Miguel Castelo-Branco  
*Light aviation and flight safety: monitoring system for unpressurised cabins. Physiological parameters monitoring (860)*

Rafael Santos, Jorge Silva  
*Technical and economic feasibility of the use of airships within two Portuguese market niches (679)*

João Pedro Jardim, Maria Baltazar, Jorge Silva  
*Airports performance and efficiency evaluation based on multidimensional tools (849)*

### 14:00-15:30   Special Session

**ERSA ACADEMY**  
**Friday, 24th August**

Deirdre Dunne, Jean-Claude Thill  
*How to write a great paper and get published in a good journal*

### 14:00-15:30   Special Session

**ZM. SS TERRITORIAL GOVERNANCE, RURAL AREAS AND LOCAL AGRO FOODSYSTEMS**  
**Friday, 24th August**

Chair: Jean-Baptiste Traversac, André Torre

Romain Melot  
*Conflicts over compensation of expropriation. The case of farmland in France (458)*

Marek Furmankiewicz  
*Government and hidden government. The role of the public sector in territorial rural governance in Poland (684)*

Jean-Baptiste Traversac, André Torre  
*Understanding UPAs development, a statistical analysis based on French recent data (777)*

Ion Lucian Ceapraz  
*Social capital as a measure of innovation for rural clusters: the case of France and US (1003)*

### 14:00-15:30   Special Session

**ZZA. SS CREATIVE INDUSTRIES AND WEALTH IN EUROPEAN REGIONS: CAUSALITY ISSUES**  
**Friday, 24th August**

Chair: Pau Rausell-Köster

Luciana Lazzeretti  
*Creative Industries: priority sector or creative bubble?, 114*

Victor del-Corte-Lora, Teresa Vallet-Bellmunt, Francesco Xavier Molina-Morales  
*Identification and effects of the creative industries in clusters. The case of the ceramic tile industry (647)*
Stella Kostopoulou, Dimitri Kourkouridis, Dimitri Ballas
*Cultural industries and regional development: mapping regional creative capacity* (698)

**14:00-15:30   Special Session**

**ZO. SS RECONSIDERING THE ROLE OF UNIVERSITIES IN REGIONAL DEVELOPMENT**

Chair: Michaela Tripl

Gunther Maier, Michaela Tripl
*Midwife by accident - the role of the Johannes Kepler University Linz in the creation of the ICT cluster Hagenberg* (516)

Katharina Bechtloff
*The influence of academic institutions on regional clusters using the ICT cluster of Waterloo, Ontario as an example* (648)

Maria Abreu, Vadim Grinevich
*Gender patterns in academic entrepreneurship: commercial and informal activities* (767)

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**14:00-15:30   O Session**

**R. LOCATION THEORY AND STUDIES**

Andy Newing, Graham Clarke, Martin Clarke
*Visitor expenditure estimation for grocery store location planning* (50)

Alexander Pelyasov, Nadezhda Zamyatina
*Communication and location: their interdependencies in contemporary Russian regions* (57)

Jonathan Jones, Dominique Peeters, Isabelle Thomas
*Mono-centric city, poly-centric city: an empirical comparison through scales* (510)

Mikkel Bojesen, Mark Birkin, Graham Clarke
*Location of biogas production – agricultural waste as a retail commodity* (657)

Zeynep Elburz, Vedia Dokmeci
*The spatial distribution of fire services in Izmir* (1014)

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**14:00-15:30   Special Session**

**ZB. SS CENTRAL EUROPEAN REGIONAL SCIENCE**

Chair: Dieter Pennerstorfer

Jan Suchacek
*Selected types of infrastructure in the Czech Republic: a regional perspective* (358)

Peter Burger
*Comparison of the optimal length of clusters support duration in European countries with various levels of innovation performance* (447)

Dieter Pennerstorfer
*Export, migration, and costs of market entry: evidence from central European firms* (954)

Peter Dzupka, Miriam Sebova
*Hosting big sports and cultural events: What it brings to the City?* (764)
**14:00-15:30  O Session**

**Friday, 24th August**

**N. REGIONAL STRATEGIES AND POLICIES**

Sandro Fabbro, Marco Dean
*More realistic national infrastructure strategies to connect regions with the global networks: the Italian case (392)*

Ioannis Katsikis, Garyfallos Fragidis, Dimitrios Paschaloudis
*Cross border collaboration: a network analysis of the bilateral collaborative projects in the case of Greece and Bulgaria (862)*

Lamara Hadjou
*Evaluation of environmental policies accompanying highway projects: the case of the A75 and Via Egnatia (1105)*

**14:00-15:30  Special Session**

**Friday, 24th August**

**ZS. SS KNOWLEDGE, INNOVATION AND REGIONAL GROWTH**

Chair: Roberta Capello

Stefano Usai, Marta Foddi
*Regional innovation performance in Europe (193)*

Christian Kluck, Thomas Brenner
*Location and growth of the knowledge economy in German regions (440)*

Andreas P. Cornett, Nils Karl Soerensen
*Determinants of convergence and disparities in Europe: innovation, entrepreneurship and the processes of clustering (631)*

Rudolf Pástor
*Knowledge creation and knowledge acquisition in the ICT industry in Slovakia (816)*

**14:00-15:30  R Session**

**Friday, 24th August**

**K. MIGRATION AND REGIONAL LABOUR MARKET**

Chair: Kari Hamalainen

Simonetta Longhi, Magdalena Rokicka
*Eastern European immigrants in the UK before and after the 2004 European enlargement (145)*

Annekatrin Niebuhr, Tanja Buch, Silke Hamann, Anja Rossen
*Jobs or amenities – what determines the migration balances of cities? (401)*

Kari Hamalainen, Ulla Hamalainen
*Fighting persistent regional unemployment – the Paltamo full employment experiment (786)*

**14:00-15:30  O Session**

**Friday, 24th August**

**K. MIGRATION AND REGIONAL LABOUR MARKET**

Cornelius Peters
*Determinants of high-skilled interregional migration in Germany (509)*

Carmen Beatrice Pauna, Frank Heins
*Migratory flows and their demographic and economic importance in the Romanian regions. An analysis with special reference to the north-east and south-east regions (582)*

Marte Bjoernsen, Bjoerg Langset
*Regional migration patterns in Norway (827)*
### A. AGGLOMERATION AND CLUSTERS

**Chair:** Aldo Marchese

- **Roberto Basile, Sergio de Nardis, Carmine Pappalardo**
  *Firm heterogeneity and regional business cycles differentials (84)*

- **Neil Reid, Michael Carroll, Bruce Smith**
  *The benefits of participating in an industrial cluster from the perspective of the firm (831)*

- **Tao Zhang, Churen Sun**
  *Policy distortions, spatial agglomeration and productivity with heterogeneous firms: evidence from Chinese firm-city-level data (875)*

- **Cristina Brasili, Aldo Marchese, Matteo Masotti**
  *The link between Italian agri-food districts and PDO, PGI and TSG products (1076)*

### G. HOUSING MARKETS, LAND USE AND REAL ESTATE

**Elias Oikarinen, Janne Engblom**
*Regional differences in housing price dynamics: panel data evidence (361)*

- **Beata Banachowicz, Justyna Danielewicz**
  *Postindustrial city revitalization process; lofts in Lodz (635)*

- **Eduardo Castro, João Lourenço Marques, Monique Borges**
  *Foresight analysis in the context of housing market (1110)*

### F. GLOBALISATION AND REGIONAL COMPETITIVENESS

**Natalia Sysoeva**
*Institutional support of regional competitiveness in external markets (546)*

- **Gülden Demet Oruç, Ferhan Gezici, Ebru Kerimolu**
  *What are the factors of attractiveness of Istanbul for foreign investment? (608)*

- **George Petrakos, Panagiotis Artelaris, Dimitris Kallioras, Maria Tsiapa**
  *The geography of trade in the Enp area (614)*

- **Yulia Melikhova, José Antonio Camacho Ballesta, Ivana Holubcova**
  *Tertiarisation and globalisation of productive systems: comparative analysis (904)*

- **Lourdes Gabriela Daza Aramayo, Marek Vokoun, Milan Damborsky**
  *Regional competitiveness: Latin America and the Caribbean (1072)*
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<td>14:00-15:30</td>
<td>O Session</td>
<td>Ferhan Gezici, Gizem Küçüksarý</td>
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<td>Q. URBAN ECONOMY</td>
<td><em>An analysis of supply chain of accommodation sector: the case of Manavgat in Turkey</em></td>
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<td>Antonio Avendaño</td>
<td><em>Polycentrism in Bogota. The economic link between subcenters and the CBD: substitutes or complementary?</em></td>
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<td>Nuno Cruz, Rui Marques</td>
<td><em>What influences the performance of local governments?</em></td>
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<td>Johan P. Larsson</td>
<td><em>Disaggregating density a knowledge spillover analysis using geo-coded data</em></td>
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<td>Özge Öner, Viroj Jienwatcharamongkhol</td>
<td><em>Optimum city size and the networks of individuals</em></td>
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<td>14:00-15:30</td>
<td>O Session</td>
<td>Jana Vlčková, Vojtěch Nosek</td>
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<td>B. CLIMATE CHANGE AND ENVIRONMENT, SUSTAINABILITY ISSUES</td>
<td><em>Emissions embodied in international trade: the case of Central Europe</em></td>
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<td>Giovanni Ciricella, Dino Borri, Guido Sechi, Claudia Cepppi</td>
<td><em>ECOURB: A multiagent approach for the analysis of urban heat Islands and energy consumption</em></td>
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<td>Blanca Arellano, Pau Queralto, Josep Roca</td>
<td><em>The urban sprawl in the metropolitan areas of Europe</em></td>
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<td>Blanca Arellano, Montserrat Moix, Josep Roca</td>
<td><em>Monocentrism, polycentrism and environmental efficiency Chicago and Los Angeles metropolitan areas as examples</em></td>
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<td>Vasilis Angelis, Athanasios Angelis-Dimakis, Katerina Dimaki</td>
<td><em>The role of environment in a region’s sustainable development as described by a butterfly catastrophe</em></td>
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<td>14:00-15:30</td>
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<td>Vojtech Nosek, Pavlina Netrdova</td>
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<td>O. SPATIAL ECONOMETRICS AND ANALYSIS</td>
<td><em>Relationship between regional variability and spatial dependence: theoretical simulations and empirical evidence</em></td>
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<td>Mihaela-Nona Chilian</td>
<td><em>Competitiveness factors at national and regional level. A panel analysis for Romania</em></td>
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<td>Tamas Dusek, Eva Szalka</td>
<td><em>Is there a county border effect in spatial income differences in Hungary?</em></td>
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<td>Mete Basar Baypinar</td>
<td><em>Regional productivity growth in Turkey – 1990-2000</em></td>
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<td>Prodromos Prodromidis</td>
<td><em>The spatial and temporal patterns of declared personal income across Greece: 2001-8</em></td>
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14:00-15:30  O Session  

H. INFRASTRUCTURE, TRANSPORT AND COMMUNICATIONS  

Friday, 24th August  

Kirsie Mukkala, Hannu Tervo  
*Regional airports and regional growth: which way does the causality run?* (642)  

Francisco Carballo-Cruz  
*Impacts of road franchising renegotiation on economic development: the case of the Portuguese SCUTs* (530)  

Katarzyna Iwaszko  
*Long-term impact of major road investments on the transformation of the regional and country settlement structure - a case study of Lower Silesia* (826)  

14:00-15:30  O Session  

Friday, 24th August  

I. KNOWLEDGE ECONOMY AND INNOVATION  

Jaakko Simonen, Rauli Svento, Artti Juutinen  
*The effect of the high technology sector in regional growth* (653)  

Marta Bogus, Sawomir Dorocki  
*Regional differences in the development of biotechnology in Europe* (685)  

Konstantinos Melachroinos, Nigel Spence  
*The knowledge economy and spatial growth: evidence about the role of intangibles in Great Britain* (790)  

Koloman Ivanička  
*A new model of socio-economic development of Slovakia* (978)  

Dariusz Wozniak, Justyna Sokolowska-Wozniak  
*Knowledge economy policy in Polish regions* (1129)  

14:00-15:30  O Session  

Friday, 24th August  

A. AGGLOMERATION AND CLUSTERS  

Evgeniy Kutsenko  
*Path dependency of spatial distribution of economic activity and practice of agglomeration effects estimation* (1010)  

Dorota Ciolek, Brodzicki Tomasz  
*Empirical identification of external effects of industrial clustering. The case of Poland* (128)  

Churen Sun, Zhihao Yu, Tao Zhang  
*Agglomeration, productivity, and firms’ exports: evidence from Chinese firm-level data* (882)  

Ramona Frunza, Gabriela Carmen Pascariu  
*FDI, clusters and competitiveness in Romania: a regional perspective* (929)  

Bruno Lusso  
*The development dynamics of the Paris region multimedia cluster* (982)
**14:00-15:30  O Session**

**N. REGIONAL STRATEGIES AND POLICIES**

Friday, 24th August

Vladimir Klimanov  
*Global challenges for strategic development of Moscow (227)*

Boris Zhikharevich, Artur Batchaev  
*St. Petersburg in post-soviet time: development strategies and economic development (231)*

José Belbute, António Caleiro, Gertrudes Guerreiro, Elsa Vaz, Ana Eduardo  
*The input-output table for the Alentejo region in Portugal (387)*

Irina Slepukhina  
*Regional policy and urbanization in the contemporary Russia (482)*

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**14:00-15:30  R Session**

**P. TOURISM, CULTURAL AND CREATIVE INDUSTRIES AND REGIONAL DEVELOPMENT**

Friday, 24th August

Chair: Vincent Linderhof

João Romão, Bart Neuts, Peter Nijkamp, Eveline van Leeuwen  
*Urban tourist complexes as multi-product companies: market segmentation and product differentiation in Amsterdam (147)*

Tomaso Pompili, Giuseppe Vittucci  
*Types of territorial capital and economic development (748)*

Vincent Linderhof, Stijn Reinhard  
*Do rural development program measures for the encouragement of rural tourism work? A spatial econometric analysis (932)*

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**16:00-18:00  Closing Ceremony**

Friday, 24th August

Johannes Bröcker  
*German school of regional science*

*EIB Prize winner: Manfred M. Fischer*