Regions in Motion
Breaking the Path

European Congress of the Regional Science
Central European Regional Science

Final Programme
List of Participants & Index
# Program Overview

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Regional Science Policy & Practice is an international journal that publishes high quality papers in applied regional science exploring policy and practice issues in regional and local development. It welcomes papers from a range of academic disciplines and practitioners including planning, public policy, geography, economics and environmental science and related elds.

wileyonlinelibrary.com/journal/rspp

Edited by Michael Carroll

Papers in Regional Science encourages high quality scholarship on a broad range of regional science topics, including innovation and spatial knowledge spillovers, spatial networks and clusters, regional labour markets, spatial econometrics, transportation and migration. The journal publishes high quality papers that make a new contribution to the understanding of urban and regional systems.

Increased 2-Year Impact Factor 2011: 1.43
Increased 5-Year Impact Factor 2011: 1.659
23/73 (Geography); 38/89 (Environmental Studies); 74/320 (Economics)

wileyonlinelibrary.com/journal/pirs

Edited by Jouke van Dijk

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www.regionalscience.org
Welcome to the Bratislava ERSA Congress

Words from the Rector of University of Economics in Bratislava

Ladies and Gentlemen,

I am delighted to welcome you on the occasion of the 52nd European Congress of the Regional Science Association International. It is a great honour for the University of Economics in Bratislava to host the Congress, which after taking place in different countries around Europe is held for the first time in Slovakia.

In today’s world facing important global challenges, which require an open international dialogue across different scientific disciplines, we are glad that hosting this Congress we can contribute to creating an environment for stimulating such a discussion.

One of the strategic priorities of the University of Economics in Bratislava is to enhance the internationalization of all its core activities. The international collaboration is crucial in distinct areas of research where the discussion on the progress of the state of the art, obtaining feedback from peers and working in international research teams belong to key aspects needed for the achievement of high impact research results. This Congress creates an exciting opportunity for discussion between the most qualified experts. I believe it will stimulate further development in the field of regional science, urbanism, regional labour markets, innovations and many other areas presented on the Congress.

Please, let me use this opportunity to wish you a nice stay at our University, which belongs to the best-established and most reputable higher education institutions in Slovakia. Throughout more than 70 years of its existence, the University has hosted many high impact international conferences and congresses. We are honoured that this year the European Regional Science Association Congress will be added to the list of these events.

I hope that you will enjoy your stay at our University, in our capital and you will have the opportunity to see some parts of our beautiful country as well. We have tried to create the best possible environment for your discussions and other activities and I hope you will have a pleasant stay. I wish that the following few days are fulfilled with fruitful scientific discussions and you will return to your home countries and institutions with new ideas and fond memories of the days spent in Bratislava.

Rudolf Sivák
Professor and Rector of the University of Economics in Bratislava
Redefining and reinvigorating the intersection between economics and geography.

Recent issues include:
- Shifting Contours of Migration
- Making Space for Well-being
- The Geographies of Austerity

The latest news in one location
Dear Colleagues and Guests,

On behalf of the Local Organizing Committee, it is my pleasure to welcome you at the 52nd European Congress of the Regional Science Association International, which is held at the University of Economics in Bratislava. We believe that we have prepared for you high quality scientific programme as well as interesting social programme. ERSA 2012 Congress is hosted by the University of Economics in Bratislava and it is organized in cooperation with the Slovak Section of the European Regional Science Association. The main theme of the Congress, “Regions in Motion: Breaking the Path”, which addresses both theoretical and practical aspects of the regional development, will be explored during four plenary sessions. In addition to the main theme, the Congress also provides the forum for the discussion about wide variety of regionally relevant issues, which will be presented during ordinary and refereed sessions, and also in over thirty special sessions.

On behalf of the Local Organizing Committee I would like to express our sincere gratitude to the distinguished keynote speakers: Ann Markusen, Peter Nijkamp, James P. LeSage, Ron Boschma and Johannes Bröcker for being able to attend this ERSA Congress and deliver their keynote addresses. We are also very glad to host the European Investment Bank roundtable. On 22nd August the “Urban Policy Day” will be held as an integral part of the scientific programme. This interactive event will be specifically focused on “Urban Futures 2050”. A number of well-known scholars from all over the world will present their challenging views related to this theme and their presentations will be supplemented by the evidence from all major world regions. The interactive talks and animated presentations on the theme of Urban Idols are aimed to stimulate out-of-the-box thinking, which would lead to the development of new insights and ideas for the forward looking and towards the future oriented research agenda. This special event has been organized by Karima Kourtit, Peter Nijkamp and Mark Partridge. We would like to thank them for all effort and work they devoted to make it a success.

The Local Organising Committee has also prepared a number of technical visits, which we think will be of interest to you and will provide you with a hands-on experience and knowledge about the dynamically developing Bratislava region. The varied offer of post congress tours has also been prepared for you to allow you to get to know our picturesque country and its regions. Slovakia is known for its hospitality. We hope that during your stay you will be able to experience some of the friendliness and the warm nature of its citizens.

Ladies and gentlemen, last but not least, on behalf of myself and of all members of the Local Organizing Committee let me wish you a successful conference and an enjoyable stay in Slovakia.

Anetta Čaplánová
Chair of the Local Organising Committee of ERSA 2012
Vice-rector of the University of Economics in Bratislava
The EIB Institute is launching its First Social Innovation Tournament, within its Social Programme.

→ Call for Applications
First Social Innovation Tournament

The Tournament seeks to promote the generation of innovative ideas and identify/reward opportunities promising substantial societal benefits or demonstrating best practices with tangible, scalable outcomes. It targets the creation of social value in relation to the fight against social exclusion. Entries may therefore fall in a wide range of fields, from education and health care to natural or urban environment, from new technologies to new systems and new processes. Improvements in these fields are critical to business success, and social innovation could have a substantial social impact.

To deliver its objectives, the Tournament invites the submission of innovative proposals, along two main lines:

- **Line A:** Innovative ideas which could be implemented within a reasonable time horizon and have substantial benefits for Society or

- **Line B:** Identify implemented innovative solutions with tangible outcomes in terms of social impact which could serve as best practices and replicable models.

For further information on this Tournament please visit: http://institute.eib.org/programmes/social/social-innovation/

**Contacts:**

For further inquiries: Luisa Ferreira at Lferreira@eib.org or +352 4379 88540.

For submission of applications: Rosa Mendoza at universities@eib.org +352 4379 82755.

Submission of proposals by September 14th, 2012 under the name of the individual or team submitting the proposal. The electronic application should be sent to r.mendoza@eib.org, and the softcopy application to:

European Investment Bank Institute
98-100, boulevard Konrad Adenauer
2950 Luxembourg
LUXEMBOURG
For the attention of Ms Luisa Ferreira
Words from the ERSA President

I am very delighted to welcome you all to our 52nd European Congress of the Regional Science Association International (RSAI) in the charming city of Bratislava.

Co-operation with organisations and institutions, which are engaged in general economic growth and spatial and social development across Europe, is part of ERSA's strategy for the upcoming years. For this year's programme, I am proud to cite the participation of the European Investment Bank (EIB), the Urban Economic Association (UEA), Inomics, ESPON, OECD, and the European Commission. Moreover, the special session topics have this year been enriched by involvement of the ERSA sections.

One of ERSA's main objectives through its congresses is to foster research excellence! With the support of its wide-range academic membership, ERSA's activities are definitely moving forward through its large, high-quality congresses as well as through supporting promising young scientists by means of advanced summer schools.

Now, ERSA is able to enlarge its offer to society with customised seminars and workshops, consulting, training and set-up research projects.

With around 600 presentations scheduled for this Congress by an enthusiastic Local Organising Committee, Bratislava from 21-25th August will be another momentum for regional science not only in Europe but also globally.

I would like to take this opportunity to wish you a fruitful participation! Enjoy your stay in Bratislava.

Charlie Karlsson
Professor and President of the European Regional Science Association (ERSA)
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Congress venue

University of Economics in Bratislava is located at Dolnozemská cesta 1, 852 35 Bratislava, Slovakia. It is on south side (Petržalka) of the Danube River, but easily reachable from the city centre by car, or by public transport to the bus stop Ekonomická Univerzita (buses No. 68, 78, 87, 88, 98), or to a near bus stop Bulikova (buses no. 84, 99).

How to get to the University

From the BUS Station (Autobusova stanica / AS Mlynske Nivy) take bus No. 88 (direction Novy most). Get off at 4th stop Ekonomicka univerzita, cross the street by an underpass and you are at the university.

From Airport (Letisko) take bus no. 61. (direction Hlavna stanica). Get off at stop Bajkalska (an approx.16 min. ride), cross the huge road crossing diagonally. Then take bus No. 98 (direction Petrzalka, Jasovska) and get off at 3rd stop Ekonomicka univerzita.

From the Main Train Station (Hlavna stanica) take trolley bus No. 210 to Autobusova stanica. Walk approx. 50 meters and take bus No. 88. Get off at stop Ekonomicka univerzita.

From Petrzalka Train Station take bus No. 99 (direction Ovsiste) and get off at Bulikova (from Bulikova it is approx. 200 meters to the University).

From City Centre (Hotels) - departure at bus stop Hodzovo namestie or Zochova take bus no. 83 (direction Technopol). Get off at stop Halova, from where on you take bus no. 88 (direction Autobusova stanica / AS Mlynske Nivy). Get off at stop Ekonomicka univerzita. During work days you can take also bus No. 84 to get from Zochova or Hodzovo namestie to Bulikova (from Bulikova it is approx. 200 meters to the University).
Maps of the University of Economics in Bratislava
Lecture rooms in University of Economics in Bratislava

Building 1
Building 2
Practical information

Registration
The registration desk will be located at the main entrance of the University and will be open as information desk for whole congress. The location of the registration can be found on the map on previous page (Building 2).

Internet and PC Centre
Access to the WiFi network is in all buildings of University of Economics in Bratislava, in the lobbies and also on the floors in the central parts.
Access to the WiFi network: SSID: Wifi-euba or WifieubaxP, where x is the number of the floor.
PSWD: eubawifi

A computer room will be available for delegates in the Room D214.
This will be available throughout the Congress from 08.30 am until 5.30 pm.

Just in Case

Emergencies
All emergencies (112)
Health (155)
Fire (150)
Police (158)

Information services
Tourist information - Bratislava Tourist Service (+421/2/546 412 71),
touristinfo@bratislava.sk
Address: Klobučnícka 2, 815 15 Bratislava
web site http://visit.bratislava.sk/

Transport
Bratislava public transport (+421/2/5950 1111),
Bratislava bus station Mlynske Nivy (+421/2/555 713 12),
Slovak railways (+421/2/2029 1111), www.zsr.sk
Transport Vienna – Bratislava, www.sloavaklines.sk
Bratislava airport (+421/2/3303 3353), www.airportbratislava.sk
Vienna airport (+43-1-7007-22239),
Boat transport, www.lod.sk
Committees and Teams

Local Organizing Committee
Anetta Čaplánová (Chair of the LOC), University of Economics in Bratislava
Miroslav Šipikal (Vice Chair of the LOC), University of Economics in Bratislava
Dana Bajusová, University of Economics in Bratislava
Milan Buček, University of Economics in Bratislava
Erika Dudáš Pajerská, University of Economics in Bratislava
Tomáš Černěnko, University of Economics in Bratislava
Alžbeta Ivaničková, University of Economics in Bratislava
Štefan Rehák, University of Economics in Bratislava
Valéria Szitásiová, University of Economics in Bratislava

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Support Team
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Sergej Avetisyan
Romana Baleková
Andrej Budai
Tatiana Bulková
Peter Cmorej
Lubomír Darmo
Zuzana Demovičová
Richard Řurech
Jana Francisciová
Milan Galata
Alejandro G. Chaparro
Lucia Hadvigová
Martin Chovanec
Dominika Janečková
Jozef Jankech
Adriana Jurášeková
Marek Kálovec
Daniela Kasaničová
Monika Kelemenová
Roman Klimko
Katarína Kopková
Stanislava Kuslová
Jozef Laciňák
Kristína Lalíková
Michela Majerská
Marek Mazalán
Ondrej Mäsiar
Vladimír Mikulec
Jana Parízková
Nikoleta Pavlovoval
Martin Petkov
Martin Petro
Lenka Piváková
Michal Polák
Martina Prekopová
Anna Repková
Michaela Rubisová
Anna Sabolová
Lukáš Sekelský
Pavel Strhár
Erika Sziglová
Petra Ščepánová
Martin Šopinec
Mária Špesová
Natália Švecová
Zuzana Töröková
Matej Valach
Sabína Vidoval
Mária Vojtková
Katarína Vovková
Scientific Committee

Rudolf Sivák
University of Economics in Bratislava

Adelheid Holl
CSIC, Spain

Alexander Pelyasov
Council for the Study of Productive Forces

Andres Rodriguez-Pose
London School of Economics

André Torre
INRA

Attila Varga
University of Pécs

Benny Geys
Norwegian Business School

Edward Bergman
University of Wien

Edward Feser
Manchester Business School

Franz Tödtling
Vienna University of Economics

Henry Overman
London School of Economics

Charlotte Melander
Jönköping University

Jordi Surinach
University of Barcelona

Josep-Maria Arauzo-Carod
CREIP-QURE
Universitat Rovira i Virgili

Juan Carlos Duque
EAFIT

Juan Ramon Cuadrado Roura
Universidad de Alcalá de Henares

Julie Le Gallo
Université de Franche-Comté

Manfred M. Fischer
University of Wien

Mark Partridge
Ohio State University

Michael Steiner
University of Graz

Milan Buček
University of Economics in Bratislava

Miroslav Šipikal
University of Economics in Bratislava

Olga Alonso Villar
University of Vigo

Oto Hudec
TU Košice

Paloma Taltavull
University of Kent

Paul Cheshire
London School of Economics

Peter Batey
University of Liverpool

Peter Nijkamp
Vrije Universiteit Amsterdam

Raffaelle Paci
Universita di Cagliari

Ricardo Cappellin
University of Rome Tor Vergata
Roberta Capello  
Politecnico di Milano

Štefan Rehák  
University of Economics in Bratislava

Tomaz Dentinho  
Universidade dos Acores

Uwe Bliem  
University of Bamberg

Vicente Royuela  
University of Barcelona
Special Sessions Topics and Organisers

**Regional Policy Institutions**
Phil McCann, Ian Gordon, Mike Danson, Michael Steiner

**Territorial Governance, Rural Areas and Local Agro Food Systems**
André Torre, Jean Baptiste Traversac

**Central European Regional Science**
Oto Hudec

**Regional Integration and Japan-EU Economy**
Kenji Kondoh

**Creative Cities and Regions**
Štefan Rehák

**Reconsidering the Role of Universities in Regional Development**
Tanja Sinozic, Helen Lawton Smith, Michaela Trippl

**Recent Advances in Spatial Econometrics (in honor of James P. LeSage)**
Manfred M. Fischer

**Smart Specialisation: Regional Economic Transformation Strategies**
Raquel Ortega-Argilés, Philip McCann

**Regional Attractiveness, Mobility and attraction policies**
Antonio Russo

**Territorial Co-operation and Cross-border Issues**
Katarzyna Zawalinska, Grzegorz Gorzelak

**Graduates, Entrepreneurship and Regional Labour Markets**
Sierdjan Koster, Maria Abreu, Viktor Venhorst

**Academic Knowledge Commercialization and Valorization: International Perspectives**
Tüzin Baycan

**Air Transport and Local Development**
Jorge Miguel Silva

**Industrial Districts/Industrial Clusters and Related place-based Policies in a Changing Europe**
Rafael Boix, Fabio Sforzi

**Economic Crisis and Regional Resilience**
Yannis Psychiaris

**Location of New Plants: Externalities and Agglomeration Economies**
Josep Maria Arauzo, Miguel Manjón-Antolín

**Long Run Impacts of Major Transport Investments**
Paul Cheshire

**Urban Transformation in China**
Riccardo Cappellin

**Knowledge, Innovation and Regional Growth**
Roberta Capello
Creative Industries and Wealth in European Regions: Causality Issues
Rafael Boix, Pau Rausell

Technological Activities and Diffusion in the EU and Neighbouring Countries
Edward Bergmann and Raffaele Paci

Internationalisation of Business R&D and Innovation
Bernhard Dachs

Services of General Interest
Daniel Rauhut and Alois Humer

Economic Evaluation of Cultural Heritage
Tuzin Baycan and Jan Rouwendal

Evolutionary Economic Geography: Knowledge Spillovers and Relatedness
Dieter F. Kogler, David Rigby and Ron Boschma

Society in Motion: Special session in honor of Prof. Danny Sheffer - Ammon Frenkel, Peter Nijkamp and Philip McCain

2nd EUROPEAN MEETING OF THE URBAN ECONOMICS ASSOCIATION
Henry Overman, Daniel Sturm and Thierry Mayer
Exhibition and Posters’ zone 2012

The 2012 edition will renew the offer of the latest editions by providing a central Networking Area to welcome attendees of the Congress. They will be located in the main lobbies in buildings 1 and 2. The following publishers and organisations will be presented in this year’s Exhibitors’ and Posters’ zone area.

ERSA – RSAI  
Espon  
Palgrave Macmillan  
Edward Elgar

Ionmics  
Springer  
EIB  
ISOCARP  
Wiley Blackwell  
AESOP

Social Program

Please note: Accreditations for both the Informal and Gala Dinner are requested.

Opening Ceremony and Welcome Reception
Tuesday 21st August  
17:00 – 20:30,  
Aula of University of Economics

Informal dinner
Wednesday 22nd August  
19:30 – 22:00,  
Au Cafe Restaurant,  
Tyršovo nábrežie,  
www.au-cafe.sk  
How to get there:  
Buses No. 50, 80, 83, 84, 88, 91, 93, 94, 191, 508  
Bus stop AUPARK, 10 min. walking

Gala Dinner
Friday 24th August  
20:00 – 24:00, Bratislava Castle,  
Recommended arrival of participants: 19.45 – 20:15  
How to get there:  
Trolleybuses No.203, 207,516  
Bus stop: Hrad, 5 min. walking

Both these venues are within walking distance (20 min.) of the city centre.
Technical Visits

The Bratislava Local Organizing Committee has prepared for you a set of interesting technical visits. The Technical Visits will take place on Thursday 23rd August 2012.

The duration of each Technical Visit is around 3-4 hours and the language will be English.

1. GABČÍKOVO HYDROELECTRIC DAM

Excursion is aimed at the Gabčíkovo Dam as one of the largest power plants on the Danube River. Technical visit is connected with a lecture about the construction and effects, which brings this hydroelectric dam.

**Start: at 15:00 from the University of Economics in Bratislava**

2. URBAN ARCHITECTURE OF THE CAPITAL - BRATISLAVA

3 hours walking city tour of Bratislava downtown architecture, seeing historical buildings of the Old Town representing all periods from Bratislava, a city with a personality of its own warmly welcomes the admirers of historical and cultural monuments. Tour participants will get acquainted with the current situation, history and philosophy of an urban development and architecture of the Bratislava city. They will see the relationship of architecture and urbanism to art, technology and environment in the Slovak capital.

Excursion starts:

**First Group at 8:30 – from Hotel Falkensteiner(Bus stop: Zochova)**

**Second Group at 16:00 – from the University of Economics in Bratislava**

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1 The Local Organizing Committee reserves the right to make changes the below program if necessary.

2 Attendance to the Technical Visits is reserved to registered participants only.
3. EXCURSION IN AUTOMOTIVE PLANT – VOLKSWAGEN

After the establishment of the Slovak Republic in 1993, the first significant foreign investment was the arrival of Volkswagen in the suburbs of Bratislava. Today it is the largest company in Slovakia, which employs a lot of people from surrounding regions. Volkswagen completely manufactures vehicles Touareg, Audi Q7 and Porsche Cayenne and Skoda Octavia vehicle part. Since 2011, plant produces a model of family cars Volkswagen Up. During the excursion are presented different parts of the factory, production lines, as well as the overall system and philosophy of work organization.

**Start: at 15:30 from the University of Economics in Bratislava**

4. BRATISLAVA FOREST PARK

Bratislava’s location on the slopes of the Small Carpathian hills mean there is a wide range of hiking opportunities within the city itself and in the surrounding area. Bratislava Forest Park, in the hills above the city, is a great place to relax in unspoilt countryside. Near the entrance to the park is the TV tower on Kamzík Hill (439 m above sea level) which is visible from much of the city.

**Start: at 14:00 from the University of Economics in Bratislava**

5. SLOVENSKÝ GROB – “THE VILLAGE AS A HOST”

Slovenský Grob is known for its breeding and the sale of geese and ducks. - It received a European prize "Village renewal of the Year" based on the entrepreneurship and common strategy development. The participants will learn all about this success story of how a village with no special advantage has turned into a rich village with something to offer and ways to expand. After the visit, the participants will have opportunity to stay for a dinner and taste local specialties (it costs 20 EUR).

**Start: at 17:30 from University of Economics in Bratislava**
Tours for Accompanying Persons in the Week of the Congress

Special tours and excursions will be arranged exclusively for the Delegates and Accompanying persons at the ERSA 2012 Congress. All tours will leave from and return to the Congress Venue.

Bratislava Highlights
Date: 22nd August, 2012
Time: 13:00-16:00
Duration: 3 hours
Price: 33 €
Price includes: Admissions, English speaking guide, transportation

This bus tour will give you a general impression of the city. We pass the most important places, historical and cultural sights, stopping at Bratislava Castle, Napoleon’s Hill and Slavin with their splendid panoramic views. On our walk through the pedestrian zone of Old Town we take a look at St. Michael’s Gate, the first University Istropolitana, St. Martin’s Cathedral (where the coronations were performed), the Primate’s Palace, the Old Town Hall and finishing the tour at the Opera House.

The Best of Bratislava & Devin Castle
Date: 23rd August, 2012
Time: 9:00-13:00
Duration: 4 hours
Price: 42 €
Price includes: Admissions, English speaking guide, transportation

This bus tour take to see Bratislava’s most prominent historic and cultural sights outside the Old Town. You will visit the Bratislava Castle and enjoy the splendid panoramic views of the city. It continues with a drive along the Danube to the magnificent ruins of the Devin Castle situated above the confluence of the Danube and Morava rivers. It was blown up by Napoleon’s troops in 1809; Devin Castle offers breath-taking views of the neighboring Austria and on a clear day the peaks of the Alps.

City Sights and Night Life
Date: 23rd August, 2012
Time: 18:00-21:00
Duration: 3 hours
Price: 41 €
Price includes: Admissions, English speaking guide, transportation, refreshment

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3 Congress Organizer reserves the right to cancel the tour for which a minimum number of participants (15) have not registered. In this case another tour will be offered or a refund will be paid after the Conference. Booking in advance is recommended, on-site availability cannot be guaranteed.
This tour invites you to know Bratislava from one other side. It is youthful city and on weekend nights the streets in Old Town are buzzing with life as the crowds move from vine cellar to cocktail bar following the laser beam that points down Michalská Street towards the heart of the action. The top of the tour wine and refreshment in one of the traditional vine cellars of Bratislava.

**Palace Hof**

Date: 24\textsuperscript{th} August 2012  
Time: 9:00 -13:00 Duration: 4 hours  
Price :42 €  
Price includes: Admissions, English speaking guide, transportation

Palace Hof, is one of the largest and most magnificent noble seats in the Habsburg Empire, was the setting for some of the period’s most splendid celebrations and festivities. After the faithful restoration of palace and grounds, a unique Baroque artistic creation is now open to the visitor of today. Experience the atmosphere of the Imperial festivals in apartments furnished once again with pieces of original furniture and walk through splendidly landscaped, terraced baroque gardens known all over Europe.
Post Congress Tours
(For Delegates And Accompanying Persons)

The Small Carpathian Wine Route
Date: August 25, 2012
Time: 9:00-14:30
Duration: 5,5 hours
Price: 72 €
Price includes: Admissions, English speaking guide, transportation, wine tasting

A half-day tour to a region which has been known for its wine since Roman times. We drive you to explore the surroundings of Bratislava with many quaint villages and historic towns. Typical for this region are vineyards on the slopes of the Little Carpathians. Apart from great wines this area is also known for beautiful pottery and naive art. The tour goes through the ancient royal wine towns of Svaty Jur, Pezinok and Modra, highlighting the most important sights. We will also see how the famous Modra pottery – majolica – is produced. The highlight of this tour is a visit to Cerveny Kamen (Red Rock Castle) – a wonderfully preserved castle, which ranks among the best preserved in Slovakia, with huge multi-storey cellars, the largest ones in Central Europe. The tour finishes in the historic wine cellar sampling the best local wines.

Religious Trnava and Healing Piestany
Date: August 25, 2012
Time: 8:30-16:30
Duration: 8 hours
Price: 90 €
Price includes: Admissions, English speaking guide, transportation, lunch

On this sightseeing tour, discover the old historic towns and villages of Slovakia. Steeped in history, these quaint little towns have much to offer. Enjoy sightseeing in the 13th century city of Trnava. The oldest free royal borough Trnava was the Church "capital" of the Kingdom of Hungary for several centuries in the past. Piestany has the best known spa resort in Slovakia. Hot springs with temperatures of 67-69°C, as well as its healing mud, originating at 2000 m depth on the Spa Island in the Vah River were known for ages.

Imperial Vienna
Date: August 25, 2012
Time: 8:30-17:00
Duration: 8,5 hours
Price: 92€
Price includes: Admissions, English speaking guide, transportation, lunch

To reach Vienna we will drive through Hainburg a town with rich history and monuments and pass Heathen’s gate, the best known monument from the time of Roman province of Pannonia. Next there is a drive along the Ringstrasse with its magnificent buildings such as Parliament, the State opera, City Hall and many others. We will also visit the imperial winter
residence Hofburg and walk to St. Stephan Cathedral. After a lunch break we will visit the imperial summer residence in Schönbrunn.

**Graceful Southern Moravia**

Date: August 25 2012  
Time: 8:30 -17:00  
Duration: 8,5 hours  
Price: 98€  
Price includes: Admissions, English speaking guide, transportation, lunch, wine tasting

The most southerly point in Moravia is an area of meadow woods, snow-white rock vineyards and fields. The unique Lednice-Valtice area is a protected landscape area listed by UNESCO. It is comprised of a chateau, park buildings and landscape features in the region between the Romance chateau in Lednice and the Baroque chateau in Valtice. A must see is Lednice Chateau, the pearl of Moravia which is situated in the extensive natural area on the embankment of the Dyje River. It was residential place of Lichtenstein family till the end of World War II.
Scientific Program Information

Congress Main Theme and Types of Sessions

The main theme of the Congress is "Regions in Motion - Breaking the Path".

Types of Sessions:

1- **Refereed R-session** Papers addressed to these sessions will be refereed by the theme convenors for each thematic topic.

2 - **Refereed Y-session** Papers are for Young Scientists. For these sessions, all coauthors of the paper should be less than 33 years old on 25th August 2012. The full papers will be refereed by the convenor of the Young Scientists’ Sessions. All authors will compete for the Epainos Award, which is awarded to the best paper presented in these sessions.

3 - **Ordinary O-session** Papers addressed to these sessions are not refereed, but they will be included in the Conference USB stick/pen drive, unless the authors choose otherwise.

4 - **Special Session** Papers for these special sessions may be refereed by the special session organiser, if he/she decides to do so.

If not stated otherwise, the last presenting person will be a chair of the session.

Presenting authors are required to bring their presentations on USB stick. All rooms will be equipped with computer and data projector.
ERSA 2012 Congress Themes

A broad range of topics are listed among the themes below:

A. Agglomeration and clusters
B. Climate change and Environment, sustainability issues
C. Demography and population
D. Entrepreneurship, networks and innovation
E. Finance and regional development
F. Globalisation and regional competitiveness
G. Housing markets, land use and real estate
H. Infrastructure, Transport and Communications
I. Knowledge economy and Innovation
J. Learning regions and social capital
K. Migration and regional labour market
L. New frontiers in regional science: Theory and Methodology
M. Peripheral and rural regions
N. Regional strategies and policies
O. Spatial Econometrics and analysis
P. Tourism, cultural and creative industries and regional development
Q. Urban economy
R. Location theory and studies
Plenary Lectures

Tuesday, 21\textsuperscript{st} August at 17:30

ANN MARKUSEN

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

Wednesday, 22\textsuperscript{nd} August at 16:00

PETER NIJKAMP

Regional science and the new urban world

Thursday, 23\textsuperscript{rd} August at 09:00

JAMES P. LESAGE

The role of spillovers in regional science

Thursday, 23\textsuperscript{rd} August at 14:00

RON BOSCHMA

Evolutionary economic geography, new wine in new bottles?

Friday, 24\textsuperscript{th} August at 09:00

EIB ROUND TABLE

Regional and urban development in an aging Europe

Friday, 24\textsuperscript{th} August at 16:00

JOHANNES BRÖCKER

German school of regional science
Articles

This is what direct democracy looks like: how Athens in the 5th century BC resolved the question of power
Lucie Laurian

Healthy cities and planning
Yvonne Rydin

Analysing the Belfast housing market: learning lessons from extreme volatility
Kenneth Gibb, Tony O’Sullivan and Gillian Young

Zhu Qian

Planning for growth? The implications of localism for ‘Science Vale’, Oxfordshire, UK
David Valler, Nicholas A. Phelps and Andrew M. Wood

Conference report
3rd AESOP Sustainable Food Planning: Thematic Group Meeting, Cardiff, 28–29 October 2011
Michael Hardman

The 52nd Annual Conference of the ACSP: Salt Lake City, Utah, 13–16 October 2011
Charles Connerly

Book reviews
Congress Program
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  
Wednesday, 22nd August

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)**

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

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)**

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

ZZJ. SS SERVICES OF GENERAL INTEREST  
Wed_1_B1.05

Chair: Alois Humer

Steinar Johansen, Hild-Marte Bjørnsen, 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  
Chair: Fabio Sforzi  
Federico Pablo-Marti, Juan Luis Santos, Antonio Gacia-Tabuenca, Maria 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)

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

09:00-10:30  Special Session  
ZK. SS LONG RUN IMPACTS OF MAJOR TRANSPORT INVESTMENTS  
Chair: Paul Cheshire  
Milan Viturka, Vilem 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

I. KNOWLEDGE ECONOMY AND INNOVATION

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

ZC. SS CREATIVE CITIES AND REGIONS

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

D. ENTREPRENEURSHIP, NETWORKS AND INNOVATION

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-Ariglés, 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)
K. MIGRATION AND REGIONAL LABOUR MARKET

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)

O. SPATIAL ECONOMETRIES AND ANALYSIS

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)

E. FINANCE AND REGIONAL DEVELOPMENT

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)

B. CLIMATE CHANGE AND ENVIRONMENT, SUSTAINABILITY ISSUES

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)*

**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 Turkiye (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)*

**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)*

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

**C. DEMOGRAPHY AND POPULATION** Wed_1_ D113

Daniel Liviano, Josep-Maria Arauzo-Carod
*Spatial Exploration of Age Distribution in Catalan Municipalities(81)*

Josep-Maria Arauzo-Carod, Daniel Liviano-Solís
*Migration Determinants at a Local Level (500)*

Inge Noback, Vassilis Tselios
*Social Integration and Externalities in the Netherlands (673)*
09:00-10:30  O Session  Wednesday, 22nd August

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, João 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)*
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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)*

Riccardo Crescenzi  
*The Regional Policy of the European Union: for powerful regions? (391)*

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

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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 ATTRACTIVENESS, 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  
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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-Marte 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)*

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<td>ZZD. SS TECHNOLOGICAL ACTIVITIES AND DIFFUSION IN THE EU AND NEIGHBOURING COUNTRIES</td>
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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)*

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Raquel Ortega-Argiles, Philip McCann  
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Jonatan Paton, Jaime Castillo Deal, Belen Barroeta  
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**Wednesday, 22nd August**

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**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)

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**Special Session**

**Wednesday, 22nd August**

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**Chair:** Stefan Rehak

Dana Bajusova, Maria Spesová, Zarska Elena

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Tatiana Čorejova, Emília Madudova, Angela Podperová

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Tomas Čerenko

*Creative City and Public Management Concepts* (789)

Miriam Mockova

*Creativity of Regions and its Monitoring in Region of Žilina* (1139)

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**Wednesday, 22nd August**

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Hikaru Ogawa, Hiroshi Aiura

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Jonas Månsson, Shahid Quoreshi

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*Challenges in implementing Croatian regional policy within Semi-European context* (763)
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**K. MIGRATION AND REGIONAL LABOUR MARKET**  
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Chair: Uwe Blien

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*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)

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**G. HOUSING MARKETS, LAND USE AND REAL ESTATE**  
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Chair: Stefan Tscharaktschiew

Kristian Giesen, Jens Suedekum  
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*Taxing Pollution: Agglomeration and Welfare Consequences* (94)

Marcus Berliant, Hiroki Watanabe  
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O. SPATIAL ECONOMETRIES AND ANALYSIS  Wed_2_D112

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Veneziano Araujo, Renato Garcia  
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| H. INFRASTRUCTURE, TRANSPORT AND COMMUNICATIONS | Wednesday, 22nd August  
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*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)  

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Stijn Reinhard, Vincent Linderhof  
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*Brain drain and regional catching up – Evidence from the ‘Berlin wall experiment’* (323)  
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Erwin van Tuijl, Luis Carvalho
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Marijana Sumpor, Irena Dokic
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Wednesday, 22nd August

ZF. SS REGIONAL ATTRACTIVENESS, MOBILITY AND ATTRACTION POLICIES  
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Chair: Bernhard Dachs

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Bernd Ebersberger, Sverre Herstad
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Mihaela-Cornelia Dan
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- *Worker diversity and firm performance in regional labour markets. Evidence from linked employer-employee data* (494)  

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ZQ. SS TERRITORIAL CO-OPERATION AND CROSSBORDER ISSUES  

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- *Territorial cooperation and socio-economic development in the Old EU, New EU and Non EU* (268)  

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

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  *The digital cities and regions program in Portugal: a critical evaluation (132)*

José L. Calvo, Cristina Sánchez, Pedro Cortiñas
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*Banking activity and export performance: firm-level evidence from Italy* (785)

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*Analysing eco-efficiency in traditional rain-fed olive growing systems (Andalusia, Spain)* (104)

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

Sergejs Gubins, Erik T. Verhoef  
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**16:00-17:30**  
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*Regional science and the new urban world*

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### Special Session

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**ZZ. SS URBAN ECONOMICS ASSOCIATION - POLICY EVALUATION**  
*Wednesday, 22nd August*

**Chair:** Nicolai Wendland

- Raffaello Bronzini, Eleonora Iachini  
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  *(848)*

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

- Henry Overman, Elias Einio  
  *The Effects of spatially targeted enterprise initiatives: evidence from UK LEGI*  
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- Nicolai Wendland, Volker Nitsch  
  *The IOCs Midas touch: summer olympics and city growth*  
  *(886)*

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**I. KNOWLEDGE ECONOMY AND INNOVATION**  
*Wednesday, 22nd August*

**Chair:** Emanuela Marrocu

- Riccardo Crescenzi, Andrés Rodríguez-Pose, Michael Storper  
  *The territorial dynamics of innovation in China and India*  
  *(390)*

- 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)*

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

**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  
  *Localization and Co-Localization within an urban area*  
  *(569)*

- Thomas de Graaff, Jan Rouwendal, Wim Bernasco, Wouter Steenbeek  
  *Social interaction and the spatial concentration of criminality*  
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Chair: Tuzin Baycan

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What determines the quality of academic patenting? An EU-US comparative analysis (1038)

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Luigi Mundula
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   Multi-level government of cohesion policy - opportunities and lessons learned (1000)

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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

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

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

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  *The role of employees for post-entry firm growth (445)*

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  *New firm formation and its effect on employment growth in declining regions (465)*

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  *Agglomeration and growth: evidence from the regions of Central and Eastern Europe (1089)*
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Daniela L. Constantin
Middle of the road: Romania’s regional policy in the current eu programming period (920)
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**Wednesday, 22nd August**  

**ZW. SS LOCATION OF NEW PLANTS: EXTERNALITIES AND AGGLOMERATION ECONOMIES**  

**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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James P. LeSage
*The Role of Spillovers in Regional Science*

11:00-12:30  Special Session

**ZZ. SS URBAN ECONOMICS ASSOCIATION - YOUNG SCIENTISTS**

Chair: Daniel Da Mata

Nicholas Sheard
*The effect of air transport on the production of goods and service (429)*

Hans Koster
*Rocketing rents: the magnitude and attenuation of agglomeration economies using commercial rents and micro-data (892)*

Daniel Da Mata
*The effects of fiscal equalization on housing markets: evidence from Brazil (898)*

11:00-12:30  Special Session

**ZZ. SS - YOUNG SCIENTISTS**

**EFFECTS OF AMENITIES AND EXTERNALITIES ON HOUSING PRICES**

Chair: Paul Cheshire

Celine Grislain-Letremy, Arthur Katossky
*Industrial risks and housing prices (79)*

Oliver Lerbs
*House prices, housing development costs, and the supply of new single-family housing in German counties and cities (258)*

Ronan Lyons
*Search costs, sorting and “property ladder” effects: evidence from the valuation of amenities (511)*

Nikhilesh Sinha, Shahen Dastur
*Private low-cost housing and the peri-urban frontier: the economics of building outside Indian cities (906)*

11:00-12:30  Special Session

**ZZ. SS - YOUNG SCIENTISTS**

**SPATIAL TYPOLOGIES AND CONTINUOUS SPACE: THEORY AND METHODOLOGY**

Chair: Andres Rodriques

Jaume Masip Tresserra
*Does employment density death? Towards a new integrated methodology to identify and characterize sub-centres (71)*

Daniela Strube
*A model of technology transfer and convergence with endogenous location (643)*

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*The multiregional core-periphery model: the role of the spatial topology (818)*
**Regional Development and Entrepreneurship**

Chair: Jouke van Dijk

Felix-Constantin Burcea  
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**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)*

**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  
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**Modelling and Spatial Econometrics**

Chair: Piet Rietveld

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*Modelling local and regional economic development in Turkey: a Curate’s egg (179)*
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11:00-12:30 Special Session Thursday, 23rd August
ZZ. SS - YOUNG SCIENTISTS
MIGRATION AND REGIONAL LABOUR MARKET

Chair: Allessandra Faggian

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

Hannu Karhunen
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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)

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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)
Plenary Session: Thursday, 23rd August
Thu_3_Aula

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

Special Session Thursday, 23rd August

**16:00-17:30**

*ZZ. SS URBAN ECONOMICS ASSOCIATION - HOUSING*
Thu_4_B1.02

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)*

**16:00-17:30**

*ZZH. SS EVOLUTIONARY ECONOMIC GEOGRAPHY: KNOWLEDGE SPILLOVERS AND RELATEDNESS*
Thu_4_B1.03

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)*

**16:00-17:30**

*ZZ. SS URBAN ECONOMICS ASSOCIATION - LOCAL LABOUR MARKETS*
Thu_4_B1.04

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
ZZI. 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 -Martí, 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 Martínez-Ibañez, Miguel Manjón-Antolín, Josep-Maria Arauzo-Carod
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ZD. SS RECENT ADVANCES IN SPATIAL ECONOMETRICS
(IN HONOR OF JAMES LESAGE)  Thu_4_B1.08

Chair: Manfred M. Fischer

Manfred M. Fischer

*Introduction 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  Thu_4_B1.09

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  Thu_4_B1.10

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)*

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

D. ENTERPRENEURSHIP, NETWORKS AND INNOVATION  Thu_4_C1.06

Chair: Jonas Månsson

Franz Kronthalner, 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

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)

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I. KNOWLEDGE ECONOMY AND INNOVATION

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 services and innovative activity in EU regions (424)

Manuel Acosta, Daniel Coronado, Esther Ferrández, 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)

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G. HOUSING MARKETS, LAND USE AND REAL ESTATE

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)
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<td>The impact of changing industrial specialisation on regions in Australia (15)</td>
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<td>Tatsuaki Kuroda</td>
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<td>Jessie Bakens, Thomas de Graaff, Peter Nijkamp</td>
<td>Location decisions: integrating the labour and housing market (692)</td>
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<td>Gender representation and local public expenditures (367)</td>
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<td>Bianca Biagi, Maria Giovanna Brandano, Claudio Detotto</td>
<td><em>Does tourism affect crime? A spatial panel data of tourism countries</em> (853)</td>
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<td>Eva Psatha, Alex Deffner</td>
<td><em>The complicated relationship between leisure, culture and tourism from the perspective of the quality of urban life</em> (901)</td>
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<td>16:00-17:30</td>
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<td>I. KNOWLEDGE ECONOMY AND INNOVATION</td>
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<td>Slavomir Hidas, Martyna Wolska, Manfred M. Fischer, Thomas Scherngell</td>
<td><em>Agglomeration and network effects on regional knowledge production activities in Europe</em> (393)</td>
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<td>Bruno Merlevede</td>
<td><em>Does it take time to travel distance? Geography, timing since entry and knowledge spillover</em> (456)</td>
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<td>Peter Warda, Urban Gräsjö, Charlie Karlsson</td>
<td><em>Spatial knowledge spillovers in Europe: a meta-analysis</em> (622)</td>
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<td>Steven Bond-Smith</td>
<td><em>Knowledge spillovers in a multi-industry growth model with industrial clustering</em> (632)</td>
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16:00-17:30  O Session  Thursday, 23rd August

A. AGGLOMERATION AND CLUSTERS  Thu_4_D116

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

N. REGIONAL STRATEGIES AND POLICIES  Thu_4_D117

Euijune Kim, Geoffrey Hewings, Changkeun Lee  
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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)

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

D. ENTERPRENEURSHIP, NETWORKS AND INNOVATION  Thu_4_SM1

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  
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09:00-10:30  Plenary Session:  European Investment Bank Round Table  
Regional & Urban Development in an Aging Europe

11:00-12:30  Special Session  
ZI. SS AIR TRANSPORT AND LOCAL DEVELOPMENT  
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-Cybulska, Lukasz Olipra
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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  
ZS. SS KNOWLEDGE, INNOVATION AND REGIONAL GROWTH  
Chair: Roberta Capello

Raffaele Paci, Emanuela Marrocu
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Roberta Capello, Camilla Lenzi
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Riccardo Crescenzi, Andres Rodriguez-Pose
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Selyf Morgan
Creative growth: developing a TV and digital media sector in Wales (540)

11:00-12:30  Special Session  
ZZG. SS ECONOMIC EVALUATION OF CULTURAL HERITAGE  
Chair: Tuzin Baycan, 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)

Tuzin Baycan
Cultural heritage as driver of economic development (965)
Karima Kourtit, Jan Möhlmann, Peter Nijkamp, Jan Rouwendal  
*The geography of creative industries and cultural heritage (1137)*

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

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<td><strong>Fri 2 B1.05</strong></td>
<td>ZZA. SS CREATIVE INDUSTRIES AND WEALTH IN EUROPEAN REGIONS:</td>
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**Causality Issues**

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 Quagliieri 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)*

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<td><strong>Fri 2 B1.06</strong></td>
<td>ZQ. SS TERRITORIAL CO-OPERATION AND CROSSBORDER ISSUES</td>
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**Territorial Cooperation and Crossborder Issues**

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: strengths and weaknesses. Recent Czech-Polish experience (907)*

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<td><strong>R Session</strong></td>
<td><strong>Fri 2 B1.07</strong></td>
<td>R. LOCATION THEORY AND STUDIES</td>
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**Location Theory and Studies**

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)*
11:00-12:30  Special Session  

ZD. 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  
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11:00-12:30  Special Session  

ZN. SS REGIONAL INTERGRATION AND JAPAN-EU ECONOMY

Chair: Kenji Kondoh

Yasuhiro Takarada, Takeshi Ogawa, Weijia Dong  
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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  
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11:00-12:30  O 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)
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Friday, 24th August
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Fri_2_C1.06

Chair: Fernando Perobelli

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  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 Zigmern-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
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Fri_2_C1.07

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  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)

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  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)

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  Smart in the City: Institutions Affecting User Involvement in Future Electricity Grids (1083)
Manuela Korber
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Elisabeth Bublitz, Michael Fritsch, Michael Wyrwich
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Rafael Lata, Thomas Scherngell, Thomas Brenner
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Georg Hirte, Stefan Tscharaktschiew
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Soushi Suzuki, Peter Nijkamp, Piet Rietveld
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Rodolfo Prates, Carlos Bacha
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Maria Stella Chiaruttini
The role of financialisation in the geography of European structural change (245)

Tomas Zelinsky
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Jussi Ahokas
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Vasilis Angelis, Eleni Gaki, Katerina Dimaki, Nikolaos-Iason Koufodontis
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L. NEW FRONTIERS IN REGIONAL SCIENCE: THEORY AND METHODOLOGY

11:00-12:30 O Session

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

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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)

Piotr Pachura, René Matlovič Kvetoslava Matlovičová
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Katarina Haugen
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Tatiana Blinova, Svetlana Bylina
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Jozef Mládek, Marcela Káčerová, Jana Ondačková
Population ageing in the Czech Republic and the Slovak Republic - generations support and exchange (334)

Michelle Almond
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Jaume Masip Tresserra
Identifying the employment and population centers at regional and metropolitan scale: the case of Catalonia and Barcelona (70)
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Friday, 24th August

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Fri_2_D114

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Tom Gosens, J. Rouwendal  
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Francesca Medda, Gianni Carbonaro  
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Laurent Van Malderen, Bart Jourquin, Isabelle Thomas  
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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  
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11:00-12:30  O Session  
Friday, 24th August

A. AGGLOMERATION AND CLUSTERS  
Fri_2_D116

Joanna Kuczewska, Lech Kujawski, Tomasz Brodzicki  
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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  
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Antti Simola, Juha Honkatukia, Jouko Kinnunen, Jussi Ahokas  
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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  
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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 monitorization (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 FOOD SYSTEMS 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
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### Special Session

**14:00-15:30**  
**ZO. SS RECONSIDERING THE ROLE OF UNIVERSITIES IN REGIONAL DEVELOPMENT**  
**Chair: Michaela Trippl**

**Gunther Maier, Michaela Trippl**  
*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)*

**14:00-15:30**  
**O Session**  
**R. LOCATION THEORY AND STUDIES**  
**Chair: Andy Newing, Graham Clarke, Martin Clarke**

**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)*

### Special Session

**14:00-15:30**  
**ZB. SS CENTRAL EUROPEAN REGIONAL SCIENCE**  
**Chair: Dieter Pennerstorfer**

**Jan Suchacek**  
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**Peter Burger**  
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**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  
Fri_3_B1.09

Sandro Fabbro, Marco Dean  
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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  
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14:00-15:30  Special Session  
Friday, 24th August  
ZS. SS KNOWLEDGE, INNOVATION AND REGIONAL GROWTH  
Fri_3_B1.10

Chair: Roberta Capello

Stefano Usai, Marta Foddi  
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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)*

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Friday, 24th August  
K. MIGRATION AND REGIONAL LABOUR MARKET  
Fri_3_C1.06

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)*

Tiago Freire  
*How can regional policies affect urban violent criminality: Brazil 1980-2000 (758)*

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  
Fri_3_C1.07

Cornelius Peters  
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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
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14:00-15:30  R Session  Friday, 24th August
A. AGGLOMERATION AND CLUSTERS  Fri_3_C1.08

Chair: Aldo Marchese

Roberto Basile, Sergio de Nardis, Carmine Pappalardo
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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
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Cristina Brasili, Aldo Marchese, Matteo Masotti
The link between Italian agri-food districts and PDO, PGI and TSG products (1076)

14:00-15:30  O Session  Friday, 24th August

G. HOUSING MARKETS, LAND USE AND REAL ESTATE  Fri_3_C1.09

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Elias Oikarinen, Janne Engblom
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Beata Banachowicz, Justyna Danielewicz
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Eduardo Castro, Joao Lourenço Marques, Monique Borges
Foresight analysis in the context of housing market (1110)

14:00-15:30  O Session  Friday, 24th August

F. GLOBALISATION AND REGIONAL COMPETITIVENESS  Fri_3_C1.10

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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Ferhan Gezici, Gizem Küçüksaray
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<td>University of Cambridge, UK</td>
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<td>Adriana, Reveiu</td>
<td>Academy of Economic Studies of Bucharest, ROMANIA</td>
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<td>Government Institute for Economic Research, FINLAND</td>
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<td>Kim, Ho Yeon</td>
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<td>Reisinger, Adrienn</td>
<td>Széchenyi István University, HUNGARY</td>
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<td>Resmini, Laura</td>
<td>Università della Valle d'Aosta, ITALY</td>
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<td>University of Hannover, GERMANY</td>
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<td>Autonomous University of Madrid and University of Jaén, SPAIN</td>
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<td>Rosazza Bondibene, Chiara</td>
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<td>The Halle Institute for Economic Research, GERMANY</td>
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<td>Università degli Studi di Brescia – DICATA, ITALY</td>
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<td>Zilinská univerzita v Ziline, SLOVAK REPUBLIC</td>
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Rostovtseva, Mariya
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Thu_2_B1.07

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Thu_4_B1.02

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Wed_2_B1.04, Wed_3_C1.09, Fri_2_B1.05

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Wed_1_B1.06

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Wed_2_D116

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<td>University of Beira Interior, PORTUGAL</td>
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<td>Indian School of Business, INDIA</td>
<td>Thu_2_B1.07</td>
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<td>Sinozic, Tanja</td>
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<td>Sipikal, Miroslav</td>
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<td>Politecnico di Milano, ITALY</td>
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<td>Smit, Martijn</td>
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<td>Royal Institute of Technology, Sweden</td>
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<td>Sokolowska-Wozniak, Justyna</td>
<td>WSB-NLU, POLAND</td>
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<td>Soltys, Jacek</td>
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<td>Spáth, Jochen</td>
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<td>Spence, Nigel</td>
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Wyrwich, Michael
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<td>University of Tsukuba, JAPAN</td>
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<td>Lomonosov Moscow State University, Faculty of Geography, RUSSIA</td>
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<td>The Martin Centre, Department of Architecture, UNITED KINGDOM</td>
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<td>University of Kassel, GERMANY</td>
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<td>Saint-Petersburg State University, RUSSIA</td>
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<td>Zito, Pietro</td>
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