

**9<sup>TH</sup> WORLD CONGRESS OF  
REGIONAL SCIENCE ASSOCIATION INTERNATIONAL**

**MAY 9-12, 2012 – TIMISOARA, ROMANIA**

**CHANGING SPATIAL PATTERNS IN A GLOBALISING WORLD**

***PROGRAMME***

**ORGANISERS:**



Regional Science Association International



Romanian Regional Science Association



Faculty of Economics and Business Administration -  
West University of Timisoara



# COMMITTEES AND TEAMS

## CONGRESS LOC CHAIRS

**Marilen PIRTEA – Rector of the West University of Timisoara**

**Ioan TALPOS – Senate President of West University of Timisoara**

**Daniela-Luminita CONSTANTIN**

**Bucharest Academy of Economic Studies  
President of the Romanian Regional Science  
Association**

**Ovidiu MEGAN**

**West University of Timisoara  
Dean of the Faculty of Economics and Business  
Administration**

## LOCAL ORGANIZING COMMITTEE

**Carmen Babaita**

Faculty of Economics and Business Administration, West University of Timisoara

**Valentin Munteanu**

Faculty of Economics and Business Administration, West University of Timisoara

**Simona Biriescu**

Faculty of Economics and Business Administration, West University of Timisoara, Executive Board - Romanian Regional Science Association

**Nicoleta Sîrghi**

Faculty of Economics and Business Administration, West University of Timisoara

**Dorel Ailenei**

Bucharest Academy of Economic Studies, Vice-President of the Romanian Regional Science Association

**Erika Marin**

Bucharest Academy of Economic Studies, Secretary General of the Romanian Regional Science Association

**Claudiu Brandas**

Faculty of Economics and Business Administration, West University of Timisoara

**Alina Almasan**

Faculty of Economics and Business Administration, West University of Timisoara

**Alina Iosif**

Bucharest Academy of Economic Studies and the Romanian Regional Science Association

**Raluca Petrescu**

Bucharest Academy of Economic Studies and the Romanian Regional Science Association

## **TECHNICAL SUPPORT**

**Iulia Para** - communication

Faculty of Economics and Business Administration, West University of Timisoara

**Liviu Cabau** - IT

Faculty of Economics and Business Administration, West University of Timisoara

**Daniel Jurcau** - IT

Student Faculty of Economics and Business Administration, West University of Timisoara

**Madalina Paciuca** - secretary

Student Faculty of Economics and Business Administration, West University of Timisoara

## **SCIENTIFIC COMMITTEE**

**Dorel Ailenei**

Bucharest Academy of Economic Studies, Romania

**Åke E. Anderson**

Jönköping International Business School, Sweden

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Boston College, United States

**Patricio Aroca**

Catholic University of the North, Antofagasta, Chile

**Carmen Babaita**

West University of Timisoara, Romania

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University of Geneva, Switzerland

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University of Liverpool, United Kingdom

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Lublin University of Technology, Poland

**David Boyce**  
Northwestern University, United States

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Polytechnic of Milan, Italy

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University of California, United States

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University of Leeds, United Kingdom

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Bucharest Academy of Economic Studies, Romania

**Paul Dalziel**  
Lincoln University, New Zealand

**Tomaz Dentinho**  
University of Azores, Portugal

**Alessandra Faggian**  
University of Southampton, United Kingdom

**Manfred M. Fischer**  
Vienna University of Economics and Business, Austria

**Henk Folmer**  
Wageningen and Groningen Universities, The Netherlands

**Grzegorz Gorzelak**  
Warsaw University, Poland

**Eduardo Haddad**  
University of São Paulo, Brazil

**Geoffrey J. D. Hewings**  
University of Illinois at Urbana-Champaign, United States

**Yoshiro Higano**  
University of Tsukuba, Japan

**Takeo Ihara**  
CIRAC Fellow & Emeritus Professor of Kagawa University and the University of Kitakyushu,  
Japan

**Romeo V. Ionescu**  
"Danubius" University of Galati, Romania

**Dorin Jula**  
Ecological University of Bucharest, Romania

**Yoshitsugu Kanemoto**  
University of Tokyo, Japan

**Charlie Karlsson**  
Jönköping International Business School, Sweden

**Tschango John Kim**  
University of Illinois, United States

**Jan Kowalski**  
Karlsruhe Institute of Technology, Germany

**Johan Lundberg**  
Umeå University, Sweden

**Gunther Maier**  
Vienna University of Economics and Business, Austria

**Phil McCann**  
University of Groningen, The Netherlands

**Peter Nijkamp**  
Free University of Amsterdam, The Netherlands

**Jan Oosterhaven**  
University of Groningen, The Netherlands

**Jean Paelinck**  
Erasmus University of Rotterdam, The Netherlands

**Alexander Pelyasov**

Council for the Study of Productive Forces in Moscow, Russia

**Marilen Pirtea**

West University of Timisoara, Romania

**Mark Partridge**

Ohio State University, United States

**John M. Quigley**

University of California, United States

**Aura Reggiani**

University of Bologna, Italy

**Laura Resmini**

Università della Valle d'Aosta, Italy

**Piet Rietveld**

Free University of Amsterdam, The Netherlands

**Danni Shefer**

Israel Institute of Technology, Israel

**Hiroyuki Shibusawa**

Toyohahi University of Technology, Japan

**Robert J. Stimson**

University of Melbourne, Australia

**Roger R. Stough**

George Mason University, United States

**Ioan Talpos**

West University of Timisoara, Romania

**Jean Claude Thill**

University of North Carolina at Charlotte, United States

**André Torre**

INRA, AgroParistech, Paris, France

**Maciej Turala**

University of Łódź, Poland

**Jouke van Dijk**

University of Groningen, The Netherlands

**Anthony Venables**

University of Oxford, United Kingdom

**Eric Verhoef**

Free University of Amsterdam, The Netherlands

**Hans Westlund**

Royal Institute of Technology (KTH), Stockholm and Jönköping International Business School, Sweden

## **SPECIAL SESSION ORGANISERS**

**Peter Nijkamp, Karima Kourtik, Mark Partridge** - *The New Urban World*

**Piet Rietveld, Moshe Givoni** - *NECTAR I – Equity in Networks*

**Ana Condeço-Melhorado, Aura Reggiani, Javier Gutiérrez** - *NECTAR II – Modelling Accessibility in Spatial-Economic Networks*

**Ilaria Mariotti** - *Transport and Logistics in a Globalizing World*

**André Torre, Fred Wallet** - *Territorial development and governance of rural and periurban areas*

**Laura Resmini** - *FDI in Europe: how is it going?*

**Jean-Claude Thill** - *Spatial Modeling and Location Analysis*

**WEDNESDAY, MAY 9**

**18:30 – 20:00**

**OPENING CEREMONY**

**Venue:**

*Timis County Council*

*Address: Bulevardul Revolutiei 1989, No. 17*

**WORDS OF WELCOME** by:

**Marilen Pirtea** – Rector of West University Timisoara

**Ioan Talpos** – Senate President of West University of Timisoara

**Ovidiu Megan** – Dean of the Faculty of Economics and Business Administration

**Mircea Bacala** - Timis County Prefect

**Gheorghe Ciuhandu** – Mayor of Timisoara

**Constantin Ostaficiuc** - President of the Timis County Council

**Georgica Cornu** - President of the Chamber of Commerce and Industry Timis

**Sorin Maxim** - Director of the West Regional Development Agency

**Daniela-Luminita Constantin** - President of the Romanian Regional Science Association

**Yoshiro Higano** - President of the Regional Science Association International

**Roberta Capello** – Immediate Past President of the Regional Science Association International

**KEYNOTE SPEECH**

*Arthur Getis - Winner of the 2012 RSAI Founder's Medal*

**20:00**

**RECEPTION OFFERED BY PRESIDENT OF COUNTY COUNCIL**



# PLENARY, PARALLEL AND SPECIAL SESSIONS

**Congress Venue:**

**Regional Business Centre**

**Address:** Bulevardul Eroilor de la Tisa, No.22

**9.30 – 11.00**

**Room Europa \_Thu\_10 May**

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*Plenary Session - Round Table*

## **CHANGING SPATIAL PATERNS IN A GLOBALISING WORLD**

*Chair: Roberta Capello*

**Peter Nijkamp**

*BORDERLESS ECONOMIES*

**Grzegorz Gorzelak**

*REGIONAL PATTERNS OF DEVELOPMENT AND CRISIS IN CENTRAL AND EASTERN EUROPE*

**Antoine Bailly**

*RURBANIZATION: A NEW WAY TO MANAGE URBAN GROWTH, QUALITY OF LIFE AND SUSTAINABLE DEVELOPMENT*

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**11.30 – 13.00**

**Room Mures A\_Thu\_10 May**

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*Special Session 3*

## **NECTAR I – EQUITY IN NETWORKS**

*Organizers and Chairs: Piet Rietveld, Moshe Givoni*

**Floriea Di Ciommo** - TRANSyT-UPM - Madrid - Spain

**Andrés Monzón** - TRANSyT-UPM - Madrid – Spain

*CROSSING SPATIAL AND SOCIAL EQUITY: WHAT ISSUE FOR TRANSPORT ACCESSIBILITY?  
THE CASE OF URBAN TRANSPORT NETWORKS IN MADRID METROPOLITAN AREA*

**Bert van Wee** - Transportbeleid en Logistieke Organisatie - Delft - THE NETHERLANDS

**Piet Rietveld** - FEWEB VU - Amsterdam - THE NETHERLANDS

*USING VALUE OF STATISTICAL LIFE FOR THE EX-ANTE EVALUATION OF TRANSPORT  
POLICY OPTIONS – A DISCUSSION BASED ON ETHICAL THEORY*

**Tijs Neutens** - Department of Geography, Ghent University - Ghent - Belgium

**Steven Farber** - University of Utah - Salt Lake City - U.S.A.

**Matthias Delafontaine** - Ghent University - Ghent – Belgium

**Kobe Boussauw** - Ghent University - Ghent - Belgium

*SPATIAL VARIATION IN THE POTENTIAL FOR SOCIAL INTERACTION: A CASE STUDY IN FLANDERS (BELGIUM)*

**Eran Feitelson** - The Hebrew University of Jerusalem - Jerusalem - ISRAEL

**Ilan Salomon** - The Hebrew University of Jerusalem - Jerusalem – ISRAEL

*EQUITY AND TRANSPORTATION IN A MULTI-NETWORK WORLD: A FRAMEWORK FOR ANALYSIS*

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**11.30 – 13.00**

**Room Mures B\_Thu\_10 May**

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*Parallel Session II*

## **GLOBALIZATION AND REGIONAL COMPETITIVENESS**

*Chair: Judeu Viorina Maria*

**Fejér-Király Gergely** - Sapientia University/Faculty of Economic and Human Sciences - Miercurea Ciuc - Romania

**Kassay Janos** - Sapientia University/Faculty of Economic and Human Sciences - Miercurea Ciuc - Romania

**Andrea Csata** - Sapientia Hungarian University of Transilvania - Miercurea Ciuc - Romania

**Gyorgy Otilia** - Sapientia University/Faculty of Economic and Human Sciences - Miercurea Ciuc -Romania

*COMPETITIVE OR DEVELOPED REGION?*

**Peter Savanya** - University of Szeged / Faculty of Economics and Business Administration - Szeged – Hungary

*AIRPORTS EFFECTS ON REGIONAL COMPETITIVENESS*

**Judeu Viorina Maria** - Agora University Oradea, Law and Economics Faculty - Oradea – Romania

*A SHORT ANALYSIS ON THE INDEX OF ROMANIAN REGIONAL DISPARITIES – ECONOMIC REGIONS OF ROMANIA*

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**11.30 – 13.00**

**Room Timis A \_Thu\_10 May**

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*Parallel Session K1*

**INNOVATION, KNOWLEDGE ECONOMY AND REGIONAL DEVELOPMENT**

*Chair: Roberta Capello*

**Roberta Capello** - Politecnico di Milano - Building Environment Science and Technology - Milan - Italy

**Andrea Caragliu** - Politecnico di Milano - Building Environment Science and Technology - Milan - Italy

*PROXIMITIES AND THE INTENSITY OF SCIENTIFIC RELATIONS*

**Marcos Miguel García-Velasco** - Department of International and Spanish Economics. Faculty of Economics and Business. University of Granada - Granada - Spain

**Blanca L. Delgado-Márquez** - Department of International and Spanish Economics. Faculty of Economics and Business. University of Granada - Granada – Spain

*AN EMPIRICAL EXAMINATION OF KNOWLEDGE-INTENSIVE BUSINESS SERVICES ACROSS EUROPEAN REGIONS: LOCATION AND REGIONAL SPECIALIZATION*

**Marina van Geenhuizen** - TU Delft, Faculty of Technology Policy and Management - Delft - The Netherlands

**Mozhdeh Taheri** - TU Delft, Faculty of Technology Policy and Management - Delft - The Netherlands

**Qing Ye** - TU Delft, Faculty of Technology Policy and Management - Delft - The Netherlands

*OPENNESS OF UNIVERSITY SPIN-OFF FIRMS IN LEARNING: PATTERNS OF VARIATION AND INFLUENCE ON GROWTH*

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**11.30 – 13.00**

**Room Timis B \_Thu\_10 May**

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*Workshop*

**HOW TO WRITE A GREAT RESEARCH PAPER, AND GET IT ACCEPTED BY A GOOD JOURNAL**

*Organisers:*

**Deirdre Dunne**, Social Sciences and Economics Department, Elsevier, Amsterdam, The Netherlands

**Jean-Claude Thill**, Editor-in-Chief, Computers, Environment and Urban Systems

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11.30 – 13.00

Room Bistra\_Thu\_10 May

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*Parallel Session S1*

**SOCIAL CAPITAL AND REGIONAL DEVELOPMENT**

*Chair: Seniha Çelikhan*

**Seniha Çelikhan** - Gebze Yüksek Teknoloji Enstitüsü - İstanbul – Turkey

*THE MODEL OF PARTIAL, PAYABLE, PROFITABLE, PREPOTENT, (4PES) INSURED EDUCATION SYSTEM (IESM)*

**Silvia Lucia Cristea** - Bucharest Academy of Economic Studies - Bucharest - Law Department - Bucharest – Romania

*THE IDENTIFICATION OF THE LEGAL PERSON REGARDING REGIONAL DEVELOPMENT*

**Constantin Vert** - West University of Timisoara, Department of Geography - Timisoara – Romania

*DEMOGRAPHIC DISPARITIES IN THE WEST V DEVELOPMENT REGION IN ROMANIA*

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11.30 – 13.00

Room Bega B\_Thu\_10 May

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*Parallel Session VI*

**SPATIAL ISSUES OF THE LABOR MARKET**

*Chair: Marusca de Castris*

**Marie-Estelle Binet** - University of Rennes 1, Faculty of Economics - Rennes - France

**François Facchini** - University of Paris 1 - Paris – France

*OKUN'S LAW IN THE FRENCH REGIONS: 1990 – 2008: ESTIMATION WITH A SPATIAL REGIME MODEL*

**Vojtech Nosek** - Charles University in Prague/Faculty of Science/Department of Social Geography and Regional Development - Prague - Czechia

**Pavlna Netrdova** - Charles University in Prague/Faculty of Science/Department of Social Geography and Regional Development - Prague – Czechia

*SPATIAL ASPECTS OF SOCIAL DIFFERENTIATION WITH ATTENTION TO BOUNDARY EFFECTS*

**Marusca de Castris** - Roma Tre - Rome – Italy

*THE EFFECTS OF AGGLOMERATIONS ON REGIONAL LABOUR MARKET IN EUROPE*

**Dorin Jula** - Ecological University from Bucharest - Bucharest - Romania  
**Nicoleta Jula** - University Nicolae Titulescu of Bucharest - Bucharest – Romania  
*STRUCTURAL CHANGES IN REGIONAL EMPLOYMENT*

**Philipp Ehrl** - University of Passau - Passau – Germany  
*REGIONAL WAGE INEQUALITY IN GERMANY NET OF WORKER, PLANT AND REGIONAL CHARACTERISTICS*

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**11.30 – 13.00**

**Room Curtea de Arbitraj\_Thu\_10 May**

*Parallel Session C1*

**CLIMATE CHANGE AND SUSTAINABLE REGIONAL DEVELOPMENT**

*Chair: Any Wahyuni*

**Any Wahyuni** - Graduate School of Environmental and Life Engineering, Toyohashi University of Technology - Toyohashi - Japan

**Yuzuru Miyata** - Graduate School of Architecture and Civil Engineering, Toyohashi University of Technology - Toyohashi – Japan

*EVALUATION CRITERIA FOR SELECTION OF ROAD PLANNING IN GEOLOGICALLY CRITICAL AREAS BASED ON ANALYTIC HIERARCHY PROCESS: A CASE STUDY OF MAROS-WATAMPONE ROAD*

**Dragos Huru** - Academy of Economic Studies, Bucharest - Bucharest - Romania

**Cristian Ionescu** - Academy of Economic Studies, Bucharest - Bucharest – Romania

*CHANGING SPATIAL PATTERNS IN GLOBALISING WORLD*

**Gianluca Menghini** - Swiss Federal Institute for Forest, Snow and Landscape Research WSL - Research Unit Economics and Social Sciences - Birmensdorf - Switzerland

**Fabian Gemperle** - ETH Zurich - Institute of Terrestrial Ecosystems - Zurich - Switzerland

**Irmi Seidl** - Swiss Federal Institute for Forest, Snow and Landscape Research WSL - Research Unit Economics and Social Sciences - Birmensdorf - Switzerland

*SIMULATING A MARKET FOR TRANSFERABLE DEVELOPMENT RIGHTS (TDR) WITH AGENT-BASED MODELING*

**Cristina Circa** - West University - Timisoara – Romania

**Petru Stefea** - West University - Timisoara – Romania

*ECO-INDUSTRY: CURRENT STATE OF AFFAIRS*

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11.30 – 13.00

Room Dunarea\_Thu\_10 May

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*Special Session 5*

**SPATIAL MODELING AND LOCATION ANALYSIS**

**Organizer: Jean-Claude Thill**

**Chair: Inés Santé**

**Juan Porta** - Computer Architecture Group, University of A Coruña - A Coruña - Spain

**Jorge Parapar** - Computer Architecture Group, University of A Coruña - A Coruña - Spain

**Ramón Doallo** - Computer Architecture Group, University of A Coruña - A Coruña – Spain

**Vasco Barbosa** - Land Laboratory, University of Santiago de Compostela - Lugo - Spain

**Ines Sante** - Land Laboratory, University of Santiago de Compostela - Lugo - Spain

**Rafael Crecente** - Land Laboratory, University of Santiago de Compostela - Lugo - Spain

*EVOLUTIONARY ALGORITHM FOR THE DEMARCATION OF RURAL SETTLEMENTS*

**Andrés Manuel García** - Land Laboratory, Department of Agricultural and Forestry Engineering, University of Santiago de Compostela. - Lugo - Spain

**Inés Santé** - Land Laboratory, University of Santiago de Compostela - Lugo - Spain

**Rafael Crecente** - Land Laboratory, University of Santiago de Compostela - Lugo - Spain

**Marcos Boullon** - SIT, University of Santiago de Compostela. - Lugo - Spain

**Marcos Suarez** - SIT, University of Santiago de Compostela. - Lugo - Spain

*CELLULAR AUTOMATON MODEL FOR LAND- USE CHANGE SIMULATION*

**Lia Warlina** - Universitas Komputer Indonesia - Bandung – Indonesia

*SPATIAL ANALYSIS IN LAND USE CHANGE MODELING (CASE OF MAJALENGKA INDONESIA)*

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11.30 – 13.00

Room Bega A\_Thu\_10 May

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*Parallel Session F1*

**EMERGING CHALLENGES FOR REGIONAL DEVELOPMENT**

**Chair: Carlos Azzoni**

**André L. S. Chagas** - Department of Economics, University of Sao Paulo - Sao Paulo - Brasil

**Alexandre N. Almeida** - Department of Economics, Federal University of São Carlos - São Carlos - Brasil

**Carlos Azzoni** - Universidade de Sao Paulo - Sao Paulo – Brazil

*SUGAR CANE BURNING AND HUMAN HEALTH IN THE STATE OF SAO PAULO, BRAZIL: AN ANALYSIS USING SPATIAL PROPENSITY SCORE MATCHING*

**Indrawan Permana** - Graduate School of Environmental & Life Engineering, Toyohashi University of Technology - Toyohashi - Japan

**Yuzuru Miyata** - Graduate School of Architecture and Civil Engineering, Toyohashi University of Technology - Toyohashi – Japan

*THEORIZING RESIDENTIAL LAND USE IN PALANGKARAYA CITY, INDONESIA: -A GENERAL EQUILIBRIUM MODEL-*

**Jinfeng Wang** - LREIS, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences - Beijing – China

*ADAPTIVE MODELING OF THE HUMAN-ENVIRONMENT RELATIONSHIP AS APPROACH FOR IDENTIFYING THE POPULATION CARRYING CAPACITY IN AN EARTHQUAKE ZONE*

**Nikola Kronic** - Institute of Architecture and Urban&Spatial; Planning of Serbia - Belgrade - Serbia

**Jasmina Djurdjevic** - Institute of Architecture and Urban&Spatial; Planning of Serbia - Belgrade – Serbia

*TRANSFORMATION OF URBAN NETWORK IN BANAT REGION*

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14.30 – 16.00

Room Europa \_Thu\_10 May

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*Special Session 1*

**THE NEW URBAN WORLD: A PLACE 4 ALL**

*Organizers: Peter Nijkamp, Karima Kourtit, Mark Partridge*

*Chair: Manfred Fischer*

**Yoshiro Higano**

*PRESIDENTIAL INTRODUCTION*

**Peter Nijkamp**

*MADE IN THE CITY – KEY NOTE ADDRESS*

**Roger Stough**

*BELLISSIMO – INVITED PAPER*

**Robert Stimson**

*COOL CITIES – INVITED PAPER*

**Piet Rietveld**

*FLYING CARPET – INVITED PAPER*

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14.30 – 16.00

Room Tisa \_Thu\_10 May

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*Parallel Session A2*

**ACCESSIBILITY, INFRASTRUCTURE AND REGIONAL ECONOMIC GROWTH**

*Chair: Laura Cismas*

**Alisher Aldashev** - International School of Economics - Almaty - Kazakhstan

*CONVERGING WAGES, DIVERGING GRP: DIRECTED TECHNICAL CHANGE AND ENDOGENOUS GROWTH*

**Sonia Huderek-Glapska** - Poznań University of Economics - Poznań – Poland

*THE ROLE OF AN AIRPORT IN REGIONAL DEVELOPMENT – POLAND CASE STUDY*

**Hiroshi Sakamoto** - The International Centre for the Study of East Asian Development (ICSEAD) – Kitakyushu

*INTER AND INTRA DEPENDENT RELATIONSHIP USING BY MULTI-COUNTRY MULTI-REGION GROWTH MODEL IN JAPAN, KOREA AND CHINA*

**Takao Iida** - Sapporo University/Faculty of Economics/ - Sapporo – Japan

*REGIONAL ECONOMIES AND ECONOMIC EFFECTS OF “THE REVISED MONEY LENDING BUSINESS CONTROL AND REGULATION LAW”*

**Laura Cismas** - West University of Timisoara, Faculty of Economics and Business Administration - Timisoara - Romania

**Cosmin Sabau** - West University of Timisoara, Faculty of Economics and Business Administration - Oradea – Romania

*THE BENEFIC EFFECTS OF CROSS-BORDER COOPERATION ON IMPLIED EU COUNTRIES. THE EXAMPLE OF BIHOR-HAJDU BIHAR EUROREGION*

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14.30 – 16.00

Room Mures A \_Thu\_10 May

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*Special Session 7*

**TRANSPORT AND LOGISTICS IN A GLOBALIZING WORLD**

*Organizer and Chair: Ilaria Mariotti*

**Eric Lambourdiere** - University of French West Indies - Fort-de-France - Martinique

**Christopher Savage** - Namibian German Centre for Logistics - Windhoek – Namibia  
*THE LSP AND THE TERMINALIZATION OF SUPPLY CHAINS*



**Aleid Brouwer** - University of Groningen, Urban and Regional Studies Institute - Groningen - The Netherlands

**Adelheid Holl** - CSIC - Madrid - Spain **Ilaria Mariotti** - DiAP-Politecnico di Milano - Milan – Italy

*TRANSPORT AND LOGISTICS GROWTH WITHIN THE EU*

**Elena Maggi** - Università del Molise, Faculty of Economics, SEGeS - Campobasso - Italy

**Ilaria Mariotti** - DiAP-Politecnico di Milano - Milan – Italy

*ITALIAN TRANSPORT AND LOGISTICS FDIS IN CENTRAL AND EASTERN EUROPE*

**Ryuichi Shibasaki** - National Institute for Land and Infrastructure Management, MLIT - Yokosuka - Japan

**Tomihiko Watanabe** - National Institute for Land and Infrastructure Management, MLIT - Yokosuka – Japan

*LARGE-SCALE SIMULATION MODEL OF INTERNATIONAL MARITIME CONTAINER SHIPPING CONSIDERING SHIPPERS' AND CARRIERS' BEHAVIOR*

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**14.30 – 16.00**

**Room Mures B \_Thu\_10 May**

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*Parallel Session I2*

## **GLOBALIZATION AND REGIONAL COMPETITIVENESS**

*Chair: Carlos Azzoni*

**Carlos Azzoni** - Universidade de Sao Paulo - Sao Paulo - Brazil **Daniela Schettini** - Universidade de Sao Paulo - Sao Paulo – Brazil

*REGIONAL INDUSTRIAL PRODUCTIVITY DIFFERENTIALS IN BRAZIL IN THE 21ST CENTURY*

**Imre Lengyel** - University of Szeged, Faculty of Economics and Business Administration - Szeged – Hungary

*COMPETITIVENESS OF REGIONS OF CENTRAL-EASTERN EUROPEAN COUNTRIES*

**Dorel Ailenei** - Bucharest Academy of Economic Studies / Faculty of Economics - Bucharest - Romania

**Amalia Cristescu** - Bucharest Academy of Economic Studies / Faculty of Economics - Bucharest - Romania

**Cristina Vişan** - Bucharest Academy of Economic Studies / Faculty of Economics - Bucharest – Romania

*REGIONAL PATTERNS OF GLOBAL ECONOMIC CRISIS SHOCKS PROPAGATION INTO ROMANIAN ECONOMY*

**Manuel Fernandez-Grela** - University of Santiago de Compostela - Santiago de Compostela - Spain

**Aizhan Samambayeva** - University of Santiago de Compostela - Santiago de Compostela – Spain  
*INTERNAL COMPETITIVE PROCESSES IN THE EAST KAZAKHSTAN METALLURGICAL CLUSTER*

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**14.30 – 16.00**

**Room Timis A\_Thu\_10 May**

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*Parallel Session K2*

**INNOVATION, KNOWLEDGE ECONOMY AND REGIONAL DEVELOPMENT**

*Chair: Riccardo Crescenzi*

**Roberta Capello** - Politecnico di Milano - Building Environment Science and Technology - Milan - Italy

**Camilla Lenzi** - Politecnico di Milano - Building Environment Science and Technology - Milan - Italy

*R&D, INNOVATION AND ECONOMIC GROWTH: SPATIAL HETEROGENEITY IN EUROPE*

**Riccardo Crescenzi** - London School of Economics - London

**Andres Rodriguez-Pose** - London School of Economics - London - U.K.

**Michael Storper** - London School of Economics - London - U.K.

*THE TERRITORIAL DYNAMICS OF INNOVATION IN CHINA AND INDIA*

**Anna Growe** - Dortmund University of Technology - Dortmund – Germany

*PATTERNS OF KNOWLEDGE-BASED SERVICES IN GERMANY - THE USE OF ANALYTICAL, SYNTHETICAL, AND SYMBOLIC KNOWLEDGE IN SERVICE PRODUCTION*

**Jacob A. Jordaan** - Department of Economics, VU University Amsterdam - Amsterdam - The Netherlands

*REGIONAL FDI SPILLOVERS AND LOCAL SUPPLIERS: DISENTANGLING THE EFFECTS OF FOREIGN OWNERSHIP, TECHNOLOGY GAP AND ABSORPTIVE CAPACITY*

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**14.30 – 16.00**

**Room Timis B\_Thu\_10 May**

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*Parallel Session O1*

**MIGRATION, CULTURAL NETWORKS AND REGIONAL DEVELOPMENT**

*Chair: Monica Roman*

**Monica Roman** - Bucharest Academy of Economic Studies - Bucharest – Romania  
*DETERMINANTS OF REMITTANCES-SENDING BEHAVIOUR: EMPIRICAL EVIDENCE FROM CENTRAL AND EASTERN EUROPE MIGRANTS IN SPAIN*

**Alessandra Faggian** - The Ohio State University - AED Economics - Columbus - U.S.A.  
**Sarah Jewell** - University of Reading - Reading - U.K.  
*THE EFFECT OF INTERNAL MIGRATION ON GRADUATE SALARIES IN THE UK*

**Josep-Maria Arauzo-Carod** - Universitat Rovira i Virgili (QURE-CREIP, Department of Economics) - Reus - Catalonia (Spain)  
*POPULATION DYNAMICS AT A LOCAL LEVEL*

**Kenji Kondo** - School of Economics, Chukyo University - Nagoya - JAPAN  
**Nicola Coniglio** - Department of Economics, University of Bari - Bari – ITALY  
*INTERNATIONAL INTEGRATION WITH HETEROGENEOUS IMMIGRATION POLICIES*

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**14.30 – 16.00**

**Room Bistra \_Thu\_10 May**

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*Parallel Session S2*

## **SOCIAL CAPITAL AND REGIONAL DEVELOPMENT**

*Chair: Hans Westlund*

**Hans Westlund** - KTH & JIBS - Stockholm and Jönköping - Sweden

**Johan P Larsson** - JIBS - Jönköping - Sweden

**Amy Rader Olsson** - KTH - Stockholm – Sweden

*STARTUPS AND LOCAL SOCIAL CAPITAL IN THE MUNICIPALITIES OF SWEDEN*

**Wim Heijman** - Wageningen University - Wageningen - The Netherlands

**Johan van Ophem** - Wageningen University - Wageningen - the Netherlands

**Urszula Bronisz** - Maria Curie-Skłodowska University - Lublin – Poland

*REGIONAL COMPETITIVENESS AS DETERMINED BY SOCIAL CAPITAL AND INTELLECTUAL CAPITAL*

**Hans Westlund** - KTH & JIBS - Stockholm and Jönköping - Sweden

**Yuheng Li** - KTH - Stockholm – Sweden

*ANALYSIS OF LOCAL SOCIAL CAPITAL*

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**14.30 – 16.00**

**Room Curtea de Arbitraj \_Thu\_10 May**

*Parallel Session C2*

**CLIMATE CHANGE AND SUSTAINABLE REGIONAL DEVELOPMENT**

*Chair: Daisuke Ikazaki*

**Daisuke Ikazaki** - Japan Women's University - Tokyo – Japan

*HUMAN CAPITAL, ENVIRONMENT, AND POLITICAL CORRUPTION IN A GROWING ECONOMY*

**Mariana Predișcan** - West University of Timisoara/Faculty of Economics and Business Administration – Timisoara - Romania

**Roxana Nadina Roiban** - West University of Timisoara/Faculty of Economics and Business Administration - Timisoara – Romania

*THE NEED FOR ORGANIZATIONAL CHANGE FOR THE ROMANIAN SMALL SIZED ENTERPRISES*

**Nataša Petrović** - Faculty of Organizational Sciences - Belgrade - Serbia

**Mirjana Drakulić** - Faculty of Organizational Sciences - Belgrade - Serbia

**Mirjana Kljajić Borštnar** - Faculty of Organizational Sciences – Kranj - Serbia

**Ratimir Drakulić** - Faculty of Organizational Sciences - Belgrade - Serbia

**Marko Ćirović** - Faculty of Organizational Sciences - Belgrade - Serbia

**G. Rhydian Morgan** - Stylus Communication - Birmingham - United Kingdom

*PROMOTING GREEN INFORMATION AND COMMUNICATION TECHNOLOGIES TO ADDRESS CLIMATE CHANGE*

**Noboru Yoshida** - Wakayama University / Faculty of Systems Engineering - Wakayama - Japan

**Geng Yong** - Chinese Academy of Science / Institute of Applied Ecology - Shenyang - China

**Tsuyoshi Fujita** - National Institute for Environmental Studies - Tsukuba - Japan

**Yiqi Go** - Wakayama University / Faculty of Systems Engineering - Wakayama - Japan

*SPILLOVER EFFECTS OF LOW-CARBON TECHNOLOGICAL RENOVATION IN CHINA WITH INTERREGIONAL AND GLOBAL VALUE CHAINS*

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**14.30 – 16.00**

**Room Dunarea\_Thu\_10 May**

*Special Session 5*

**SPATIAL MODELING AND LOCATION ANALYSIS**

*Organizer and Chair: Jean-Claude Thill*

**Tiejun Liu** - LREIS, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences - Beijing 100101 - China

**Jinfeng Wang** - LREIS, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences - Beijing – China

*REGIONAL ECONOMIC DISPARITIES IN NORTH CHINA. A CASE STUDY USING EXPLORATORY SPATIAL DATA ANALYSIS TOOLS*

**Nij Tontisirin** - Cornell University - Ithaca - U.S.A. Yuri, Mansury - Cornell University - Ithaca - U.S.A.

**Sutee Anantsuksomsri** - Cornell University - Ithaca - U.S.A.

*GAME THEORY IN SPACE: AN AGENT-BASED MODELING APPROACH TO ITERATED PRISONER'S DILEMMA WITHIN GEOGRAPHIC INFORMATION SYSTEMS*

**Linda Christensen** - Technical University of Denmark, Department of Transport - Lyngby - Denmark

**Sigal Kaplan** - Technical University of Denmark, Department of Transport - Lyngby - Denmark

**Thomas Christian Jensen** - Technical University of Denmark, Department of Transport - Lyngby - Denmark

**Stefan Ropke** - Technical University of Denmark, Department of Transport - Lyngby - Denmark

**Allan Olsen** - Technical University of Denmark, Department of Transport - Lyngby – Denmark

*TOWARDS SUSTAINABLE REGIONS: THE SPATIAL DISTRIBUTION OF ELECTRIC VEHICLES' RECHARGING STATIONS FROM A SOCIO-ECONOMIC PERSPECTIVE*

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**14.30 – 16.00**

**Room Bega A\_Thu\_10 May**

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*Parallel Session F2*

## **EMERGING CHALLENGES FOR REGIONAL DEVELOPMENT**

*Chair: Daniel Shefer*

**Daniel Shefer** - Technion - Israel Institute of Technology, Center for Urban and Regional Studies - Haifa – Israel

*ECONOMIC DIVERSITY AND THE SPATIAL DISTRIBUTION OF GROWTH AND INEQUALITY: THE CASE OF ISRAELI CITIES*

**Lily Kiminami** - Niigata University - Niigata - Japan

**Akira Kiminami** - The University of Tokyo - Tokyo

**Shinichi Furuzawa** - The University of Tokyo - Tokyo – Japan

*TOWARDS THE STRATEGIC REGIONAL AGRICULTURAL DEVELOPMENT: CASE STUDY FROM SEIRO-MACHI, JAPAN*

**Eduardo Haddad** - Universidade de Sao Paulo - FEA / USP - Sao Paulo – Brazil

*PLACE-BASED POLICIES IN LEBANON: AN INTERREGIONAL CGE APPROACH*

**Oliver Fritz** - Austrian Institute of Economic Research (WIFO) - Vienna - Austria

**Eduardo Haddad** - Universidade de Sao Paulo - FEA / USP - Sao Paulo - Brazil

**Eliane Teixeira** - University of Sao Paulo - Regional and Urban Economics Lab - Sao Paulo – Brazil

*THE REGIONAL ECONOMIC CONSEQUENCES OF THE UPCOMING CRISIS: SIMULATIONS USING A SPATIAL CGE-MODEL FOR AUSTRIA*

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**16.30 – 18.00**

**Room Europa\_Thu\_10 May**

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*Special Session 1*

**THE NEW URBAN WORLD: A PLACE 4 ALL**

*Organizers: Peter Nijkamp, Karima Kourtit, Mark Partridge*

***FIRST PART:***

*Chair: Alessandra Faggian*

*Animators: Henk Folmer and Andrea Caragliu*

**Karima Kourtit**

*REFERENDUM ON 5 FELLOWS' CITATIONS*

**Arthur Getis**

*REFERENDUM COMMENTATOR*

***SECOND PART:***

*Chair: Aura Reggiani*

**Vicente Royuela**

*RISING STAR 1 – AGGLOMERATION, INEQUALITY AND ECONOMIC GROWTH*

**Eveline Van Leeuwen**

*RISING STAR 2 – URBAN-RURAL SYNERGIES: VIABLE RURALITIES AS URBAN SUCCESS FACTOR*

**Eric de Noronha Vaz**

*RISING STAR 3 – FROM ANCIENT LANDSCAPES TO FUTURE CITIES: THE CLAIM OF URBAN HERITAGE ENDANGERMENT*

**Mark Partridge**

*APOCALYPSE*

**Antoine Bailly**

*CLOSING REMARKS*

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**16.30 – 18.00**

**Room Tisa\_Thu\_10 May**

*Parallel Session A3*

**ACCESSIBILITY, INFRASTRUCTURE AND REGIONAL ECONOMIC GROWTH**

*Chair: Jouke van Dijk*

**Alexandre Porsse** - Institute of Economic Research Foundation - Sao Paulo - Brazil

**Marianne Stampe** - Federal University of Rio Grande do Sul - Porto Alegre - Brazil

**Marcelo Portugal** - Federal University of Rio Grande do Sul - Porto Alegre – Brazil

**Eduardo Almeida** - Federal University of Juiz de Fora - Juiz de Fora - Brazil

*REGIONAL ECONOMIC GROWTH AND DEMOGRAPHIC CHANGE IN BRAZIL*

**Bruno Cruz** - IPEA - Brasilia – Brazil

*ARE THERE EMERGING REGIONS INSIDE EMERGING COUNTRIES? A REGIONAL LOOK AT THE B ON BRICS*

**Philipp Breidenbach** - RWI - Essen - Germany

**Timo Mitze** - RWI -Rddrn- Germany

*BORDER EFFECTS IN A BORDERLESS UNION*

**Fernando Rubiera-Morollón** - REGIOlab - Oviedo University - Oviedo - Spain

**Ana Viñuela** - REGIOlab - University of Oviedo - Oviedo - Spain

**Diana Gutierrez-Posada** - REGIOlab - University of Oviedo - Oviedo – Spain

*AN ANALYSIS OF EMPLOYMENT GROWTH FACTORS AT A LABOUR LOCAL MARKET LEVEL FOR THE SPANISH ECONOMY*

**Emmanouil Marmaras** - Technical University of Crete - Chania - Greece

**Despina Dimelli** - Technical University of Crete - Chania - Greece

*AN APPROACH TO THE DEVELOPMENT POSSIBILITIES OF SMALL GREEK SETTLEMENTS: THE CASE OF CHANIA'S REGION IN CRETE*

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**16.30 – 18.00**

**Room Mures A\_Thu\_10 May**

*Parallel Session I4*

**GLOBALIZATION AND REGIONAL COMPETITIVENESS**

*Chair: Mihai Daniel Roman*

**Ilaria Greco** - University of Benevento - Benevento - ITALY Massimiliano, Bencardino -

University of Salerno - Salerno – Italy

*MARKETS'S GLOBALIZATION: FORMS AND SPACES OF THE COMPETITIVENESS FOR THE ENTERPRISES OF CAMPANIA REGION*

**Mihai Daniel Roman** - The Bucharest Academy of Economic Studies, Faculty of Cybernetics, Statistics and Economic Informatics, Department of Informatics and Economic Cybernetics - Bucharest – Romania  
*CHEMISTRY INDUSTRY COMPETITIVENESS AND EFFICIENCY ANALYSIS USING DEA METHOD IN SELECTED EU COUNTRIES*

**Takamune Fujii** - Takasaki City University of Economics, Faculty of Economics - Takasaki, Gunma - Japan  
**Yasuhiro Takarada** - Faculty of Policy Studies, Nanzan University - Seto – Japan  
*FISHERY TRADE AND CROSS-BORDER MARINE RESOURCE MANAGEMENT*

**Sebastien Bourdin** - University of Rouen - National Center for Scientific Research UMR IDEES - Rouen - France  
**Anaïs Le Thiec** - University of Rouen - National Center for Scientific Research UMR IDEES - Rouen – France  
*RUMANIA TODAY: BETWEEN TRANSITION, EUROPEANIZATION AND GLOBALIZATION*

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**16.30 – 18.00**

**Room Mures B\_Thu\_10 May**

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*Parallel Session I3*

**GLOBALIZATION AND REGIONAL COMPETITIVENESS**

*Chair: Laura Resmini*

**Gabriel Manrique** - Winona State University - Winona - U.S.A.  
**Valerica Vlad** - Pennsylvania State University-Erie - Erie - U.S.A.  
**Yanping Chong** - Winona State University - Winona - U.S.A.  
**Cecilia Manrique** - University of Wisconsin-La Crosse - La Crosse - United States of America  
*FOREIGN DIRECT INVESTMENT FLOWS: AN EXAMINATION OF ITS DISTRIBUTION AMONG MIDDLE- AND LOW- INCOME COUNTRIES*

**Yoshifumi Ishikawa** - Nanzan University - Seto – Japan  
*RISK ANALYSIS OF SUPPLY CHAIN USING INTERREGIONAL INPUT-OUTPUT TABLE*  
**Takao Iida** - Sapporo University/Faculty of Economics/ - Sapporo - Japan  
**Koji Mino** - Rakuno Gakuen University/Faculty of Dairy Science, - Ebetsu – Japan  
*THE FEED LEGISLATION OF THE EU AND JAPAN*

**Selin Özyurt** - European Central Bank - Frankfurt - Germany  
**Tohmas, Karlsson** - European Central Bank - Frankfurt –Germany  
*QUALITY VERSUS PRICE COMPETITIVENESS*



**Ovidiu Megan** - West University of Timisoara / Faculty of Economics and Business  
Administration - Timisoara - Romania

**Anca-Elena Schmidt** - West University of Timisoara - Timisoara – Romania

*THE BEHAVIOUR OF ROMANIAN MANAGERS FACE TO ACCOUNTING GLOBALIZATION*

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**16.30 – 18.00**

**Room Timis A\_Thu\_10 May**

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*Parallel Session K3*

**INNOVATION, KNOWLEDGE ECONOMY AND REGIONAL DEVELOPMENT**

*Chair: Ewa Bojar*

**Anna Golejewska** - University of Gdańsk, Faculty of Economics, Economics of European  
Integration Department - Sopot – Poland

*HUMAN CAPITAL AS A FACTOR DETERMINING REGIONAL COMPETITIVENESS IN THE  
VISEGRAD COUNTRIES*

**Flavia Barna** - Faculty of Economics and Business Administration, West University of Timisoara -  
Timisoara - Romania

**Miruna Lucia Nachescu** - Faculty of Economics and Business Administration, West University of  
Timisoara - Timisoara – Romania

*FINANCIAL INNOVATION: ADVERSE OR POSITIVE EFFECTS?*

**Liliana Mihaela Moga** - Post doctoral researcher at The Bucharest Academy of Economic Studies,  
Dunarea de Jos University of Galati - Braila – Romania

*THE INFORMATION TECHNOLOGY IN AGRICULTURAL FARMS IN THE REGIONAL  
CONTEXT*

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**16.30 – 18.00**

**Room Timis B\_Thu\_10 May**

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*Parallel Session O2*

**MIGRATION, CULTURAL NETWORKS AND REGIONAL DEVELOPMENT**

*Chair: Patricio Aroca*

**Bruno Cruz** - IPEA - Brasilia – Brazil

*DO CASH TRANSFER PROGRAMS AFFECT INTERNAL MIGRATION? THE CASE OF BOLSA  
FAMILIA AND THE BRAZILIAN INTERNAL MIGRATION*

**Adina Popovici (Barbulescu)** - West University of Timisoara/Faculty of Economics and Business Administration/Department of Economics and Economic Modelling - Timisoara – Romania  
*HIGHER EDUCATION GRADUATES INTEGRATION ON THE LABOUR MARKET*

**Patricio Aroca** - Universidad Catolica del Norte - Antofagasta – Chile  
*IMPROVING THE OPPORTUNITIES OF VOCATIONAL EDUCATION STUDENTS IN CHILE*

**Daniela Bunea** - Academy of Economic Studies, Faculty of Economics - Bucharest – Romania  
*IS INTERNAL MIGRATION RELEVANT TO REGIONAL CONVERGENCE? COMPARATIVE ANALYSIS ACROSS FIVE EUROPEAN COUNTRIES*

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**16.30 – 18.00**

**Room Bistra\_Thu\_10 May**

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*Parallel Session S3*

### **SOCIAL CAPITAL AND REGIONAL DEVELOPMENT**

*Chair: Elisabeta Jaba*

**Elisabeta Jaba** - University Alexandru Ioan Cuza from Iasi, Faculty of Economics and Business Administration - Iasi – Romania

**Christiana Brigitte Balan** - University Alexandru Ioan Cuza from Iasi, Faculty of Economics and Business Administration - Iasi – Romania

*LIFE EXPECTANCY AND ITS DETERMINANT FACTORS AT REGIONAL LEVEL IN EUROPE*

**Stephen Little** - The Open University Business School - Milton Keynes - U.K.

**Pontus Tallberg** - Region Skåne - Kristianstad – Sweden

*BUILDING LOCAL CAPACITY AND GLOBAL CONNECTIVITY IN THE KNOWLEDGE ECONOMY –THE ESS AND THE SKÅNE REGION*

**Guido Sechi** - Technical University of Bari, Faculty of Engineering; University of Latvia, Faculty of Social Sciences - Riga; Bari - Latvia; Italy

**Dino Borri** - Technical University of Bari, Faculty of Engineering - Bari - Italy

**Caterina De Lucia** - Technical University of Bari, Faculty of Engineering; University of Foggia, Faculty of Economics - Bari; Foggia - Italy

**Jurgis Skilters** - University of Latvia, Faculty of Social Sciences - Riga - Latvia

*SOCIAL INFRASTRUCTURE, COMMUNITY, AND SUSTAINABLE DEVELOPMENT: A COGNITIVE MODEL BASED ON SOCIAL CAPITAL*

**Marija Maksin** - University of Singidunum - Belgrade - Serbia

**Sasa Milijic** - Institute of Architecture and Urban&Spatial; Planning of Serbia - Belgrade - Serbia

**Nikola Krunic** - Institute of Architecture and Urban&Spatial; Planning of Serbia - Belgrade - Serbia

*SPATIAL PATTERNS OF THE IRON GATE AREA IN THE CONTEXT OF REGIONAL DEVELOPMENT*

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**16.30 – 18.00**

**Room Bega B\_Thu\_10 May**

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*Parallel Session V3*

**SPATIAL ISSUES OF THE LABOR MARKET**

**Chair: d'Artis Kancs**

**Eliahu Stern** - Ben Gurion University of the Negev - Beer Sheva – Israel

*DEMOGRAPHIC SUSTAINABILITY AND RURAL DEVELOPMENT POLICY*

**Stavros Rodokanakis** - Department of Social and Policy Sciences, University of Bath - Bath – Greece

*UNEMPLOYMENT IN NORTHERN GREECE DURING THE SECOND AND THE THIRD CSFS*

**d'Artis Kancs** - European Commission, DG Joint Research Centre - Sevilla - Spain

**Andries Brandsma** - European Commission, DG Joint Research Centre - Sevilla - Spain

**Enrique Lopez-Bazo** - European Commission, DG Joint Research Centre - Sevilla - Spain

*THE ECONOMIC GEOGRAPHY OF SPATIAL SORTING*

**Matías Mayor** - University of Oviedo/School of Business and Economics/Department of Applied Economics - Oviedo - Spain

**Patricia Suárez** - University of Oviedo/School of Business and Economics/Department of Applied Economics - Oviedo - Spain

**Begoña Cueto** - University of Oviedo - Oviedo - Spain

*ACCESSIBILITY TO PUBLIC EMPLOYMENT SERVICES WITHIN LARGE URBAN AREAS: A SPATIAL APPROACH*

**Tohru Naito** - The University of Tokushima - Tokushima – Japan

*PRIVATIZATION OF PUBLIC FIRM AND URBAN UNEMPLOYMENT IN A DUALISTIC ECONOMY*

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**16.30 – 18.00**

**Room Curtea de arbitraj\_Thu\_10 May**

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*Parallel Session C3*

**CLIMATE CHANGE AND SUSTAINABLE REGIONAL DEVELOPMENT**

**Chair: Marina van Geenhuizen**

**Marina van Geenhuizen** - TU Delft, Faculty of Technology Policy and Management - Delft - The Netherlands

**Joop Schoonman** - TU Delft, Faculty of Applied Sciences - Delft - The Netherlands

**Angele Reinders** - TU Delft, Faculty of Industrial Design – Delft – The Netherlands

*DIFFUSION OF SOLAR ENERGY CONVERSION AND STORAGE TECHNOLOGIES IN THE BUILT ENVIRONMENT*

**Fakrul Islam** - Professor, Department of Social Work University of Rajshahi, Bangladesh -  
Rajshahi - Bangladesh

**Wardatu Akmam** - Professor, Department of Sociology University of Rajshahi, Bangladesh -  
Rajshahi – Bangladesh

*CLIMATE CHANGE, SOCIO-ENVIRONMENTAL VULNERABILITY AND LIVELIHOOD  
ADAPTATION STRATEGIES OF MARGINAL FARMERS IN NORTHERN BANGLADESH*

**Lucas S. Chagas** - University of Sao Paulo, Economics Department - São Paulo - Brazil

**Angelo C. Gurgel** - University of Sao Paulo, Economics Department campus Ribeirao Preto - São  
Paulo - Brazil

**André L. S. Chagas** - University of Sao Paulo, Economics Department - São Paulo – Brazil

*LIVESTOCK INTENSIFICATION AND LAND USE: THE RESPONSE OF CATTLE BREEDER TO  
PRICE VARIATIONS ON LAND UTILIZATION*

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**16.30 – 18.00**

**Room Dunarea\_Thu\_10 May**

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*Special Session 5*

### **SPATIAL MODELING AND LOCATION ANALYSIS**

**Organizer: Jean-Claude Thill**

**Chair: Branislav Bajat**

**Boris A. Portnov** - University of Haifa - Haifa – Israel

*DOES THE CHOICE OF GEOGRAPHIC UNITS MATTER FOR THE VALIDATION OF  
GIBRAT'S LAW?*

**Marco Modica** - I.M.T. School for Advanced Studies Lucca - Lucca - Italy

**Giorgio Fazio** - Università degli Studi di Palermo - Palermo – Italy

*RECURSIVE TRUNCATION POINTS AND ZIPF'S LAW FOR (ALL) CITIES*

**Ludmila Gomes** - Federal University of Bahia - Salvador - Brazil

**Gervásio Santos** - Federal University of Bahia - Salvador – Brazil

*SPATIAL PATTERN OF DENGUE AND ITS SOCIO-ECONOMIC DETERMINANTS IN A LARGE  
URBAN AREA IN BRAZIL*

**Marina Nenkovic-Riznic** - Institute of Architecture and Urban and Spatial Planning of Serbia -  
Belgrade – Serbia

*SPATIAL ANALYSIS AS A KEY INSTRUMENT IN LANDFILL LOCATION – CASE STUDY IN  
VILLAGES OF SERBIA*

**Branislav Bajat** - University of Belgrade/Faculty of Civil Engineering - Belgrade - Serbia  
**Milan Kilibarda** - University of Belgrade/Faculty of Civil Engineering - Belgrade - Serbia  
**Milutin Pejović** - University of Belgrade/Faculty of Civil Engineering – Belgrade – Serbia  
**Mileva Samardžić Petrović** - University of Belgrade/Faculty of Civil Engineering - Belgrade - Serbia  
*SPATIAL HEDONIC MODELING OF DWELLING LOCATION PRICES USING AUXILIARY MAPS*

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**16.30 – 18.00**

**Room Bega A\_Thu\_10 May**

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*Parallel Session F3*

### **EMERGING CHALLENGES FOR REGIONAL DEVELOPMENT**

*Chair: Jingwen Li*

**Jingwen Li** - Economics & Management School, Beijing University of Technology - Beijing - China

**Mei Liao** - Economics & Management School, Beijing University of Technology - Beijing – China

*THE CHALLENGES AND STRATEGY CHOICES IN CHINA'S REGIONAL ECONOMIC DEVELOPMENT*

**Gabriela Bologna** - Agora University Oradea - Oradea - Romania

**Burtica Marin** - West University of Timișoara - Timisoara – Romania

*THE IMPACT OF QUALITATIVE DIMENSION IN THE DEVELOPMENT OF A TERRITORY'S MANAGEMENT*

**Sorina Crina Pautu** - West University of Timisoara - Faculty of Economics and Business Administration - Timisoara - Romania

*INFLUENCE OF STRUCTURAL AND COHESION FUNDS UPON REGIONAL DEVELOPMENT*

**Raul Silveira Neto** - University federal of Pernambuco - Recife - Brazil

**Gisléia Benini** - Universidade Federal Rural de Pernambuco - Recife – Brazil

*SEX DIFFERENCES IN URBAN COMMUTING PATTERNS IN A DEVELOPING COUNTRY: EVIDENCE FROM BRAZILIAN METROPOLITAN REGIONS*

**Lorena Batagan** - Bucharest Academy of Economic Studies - Bucharest - Romania

**Daniela-Luminita Constantin** - Bucharest Academy of Economic Studies - Bucharest – Romania

*SMART SOLUTIONS FOR SUSTAINABLE CITY DEVELOPMENT: FRAMEWORK FOR A CASE STUDY FOCUSED ON THE PREPARATION OF CITIZENS FOR THE FUTURE SOCIETY*

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9.30 – 11.00

Room Europa \_Fri\_11 May

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*Plenary Session*

*Organiser: Daniela-Luminita Constantin*

**KEYNOTE SPEAKERS**

**Robert Stimson**

*TROUBLING TIMES: THE GFC AND ITS IMPLICATIONS FOR REGIONAL PERFORMANCE*

**Manfred Fischer**

*SPATIAL ECONOMICS: THEORY, ECONOMETRICS AND EMPIRICS*

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11.30 – 13.00

Room Tisa \_Fri\_11 May

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*Parallel Session F4*

**EMERGING CHALLENGES FOR REGIONAL DEVELOPMENT**

*Chair: Eduardo Haddad*

**Flavio Vieira** - Universidade Federal de Uberlandia - Instituto de Economia - Uberlandia - Brazil

**Eduardo Haddad** - Universidade de Sao Paulo - FEA / USP - Sao Paulo – Brazil

*A PANEL DATA INVESTIGATION ON THE BRAZILIAN STATE LEVEL EXPORT PERFORMANCE*

**Eduardo Barbosa** - USP - Sao Paulo - Brazil

**Eduardo Haddad** - Universidade de Sao Paulo - FEA / USP - Sao Paulo - Brazil

**José Gustavo Feres** - IPEA - Rio de Janeiro - Brazil

**Antonio Paez** - McMaster University - Hamilton - Canada

*CLIMATE CHANGE AND LAND USE PATTERN IN BRAZIL*

**Dorin Jula** - Ecological University from Bucharest - Bucharest - Romania

**Nicolae Marius Jula** - Nicolae Titulescu University from Bucharest - Bucharest – Romania

*FORECASTING THE OUTCOMES OF THE ELECTIONS FOR MUNICIPALITIES IN ROMANIA*

**Alina – Elena Balalia (Iosif)** - BUCHAREST ACADEMY OF ECONOMIC STUDIES - Bucharest – Romania

**Daniela-Luminita Constantin** - Bucharest Academy of Economic Studies - Bucharest – Romania  
*PUBLIC - PRIVATE INTERDEPENDENCE IN THE CONTEXT OF SOLID WASTE MANAGEMENT. THE CASE OF SPAIN AND ROMANIA*

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11.30 – 13.00

Room Mures A\_Fri\_11 May

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*Parallel Session H*

**GEOGRAPHICAL INFORMATION SYSTEMS AND SPATIAL ANALYSIS**

**Chair: John I. Carruthers**

**John I. Carruthers** - U.S. Department of Housing and Urban Development, Office of Policy Development and Research and University of Maryland, National Center for Smart Growth Research and Education - College Park - U.S.A.

**Gordon F. Mulligan** - University of Arizona, School of Geography and Development – Tucson  
*THROUGH THE CRISIS: THE “PLANE OF LIVING” AND THE SPATIAL DISPOSITION OF HOUSING VALUES IN THE UNITED STATES*

**Ludmila Gomes** - Federal University of Bahia - Salvador - Brazil  
Gervásio, Santos - Federal University of Bahia - Salvador – Brazil  
*SPATIAL PATTERN OF DENGUE AND ITS SOCIO-ECONOMIC DETERMINANTS IN A LARGE URBAN AREA IN BRAZIL*

**John I. Carruthers** - U.S. Department of Housing and Urban Development, Office of Policy Development and Research and University of Maryland, National Center for Smart Growth Research and Education - College Park - U.S.A.

**David E. Clark** - Marquette University, Department of Economics - Milwaukee - U.S.A –  
*THE BENEFITS OF ENVIRONMENTAL IMPROVEMENT: ESTIMATES FROM SPACE-TIME ANALYSIS*

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11.30 – 13.00

Room Mures B\_Fri\_11 May

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*Parallel Session R1*

**RURAL AND LOCAL DEVELOPMENT**

**Chair: André Torre**

**André L. S. Chagas** - University of Sao Paulo, Economics Department - São Paulo - Brazil

**Carlos Azzoni** - Universidade de Sao Paulo - Sao Paulo - Brazil  
Rudinei, Toneto-Jr. - University of Sao Paulo, Economics Department campus Ribeirao Preto - Ribeirao Preto – Brazil  
*BIOFUELS, LAND USE AND REGIONAL DEVELOPMENT*

**Akira Kiminami** - The University of Tokyo - Tokyo - Japan

**Lily Kiminami** - Niigata University - Niigata - Japan

**Wenlu Cao** - Niigata University - Niigata – Japan

*ANALYSIS ON THE COMMITMENT AND RETENTION OF NEWLY EMPLOYED FARMERS IN JAPANESE AGRICULTURAL COMPANIES*

**Flavia Bliska** - Agronomic Institute - Campinas - Brazil

**Rubia Wegner** - Agronomic Institute - Campinas - Brazil

**Patricia Turco** - Apta Regional - Campinas – Brazil

*CONTRIBUTIONS OF BRAZILIAN COFFEE PRODUCTION UNDER ORGANIC  
AGROFORESTRY SYSTEM FOR SUSTAINABLE REGIONAL DEVELOPMENT*

**Lars Westin** - CERUM Umeå university - Umeå – Sweden

*DYNAMICS OF POPULATION DENSITIES IN NORTHERN SCANDINAVIA, ARE THERE  
POLICY LESSONS FOR NORTHERN SWEDEN IN NORTHERN NORWAY?*

**Teodora Dogaru** - West University - Timisoara - Romania

**Frank van Oort** - Utrecht University - Utrecht - The Netherlands Mark, Thissen - Netherlands

Environmental Assessment Agency (PBL) - The Hague - The Netherlands

*SECTOR-SPECIFIC MODELS FOR AGGLOMERATION ECONOMIES IN EUROPEAN  
REGIONS: PERSPECTIVES FOR OBJECTIVE 1 REGIONS*

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**11.30 – 13.00**

**Room Timis A \_Fri\_11 May**

*Parallel Session K4*

## **INNOVATION, KNOWLEDGE ECONOMY AND REGIONAL DEVELOPMENT**

*Chair: Charlie Karlsson*

**Amit Batabyal** - Rochester Institute of Technology - Rochester - U.S.A.

**Peter Nijkamp** - Free University, Amsterdam - Amsterdam - The Netherlands

*HUMAN CAPITAL USE, INNOVATIVE ACTIVITY, AND PATENT PROTECTION IN A MODEL  
OF REGIONAL GROWTH*

**Amit Batabyal** - Rochester Institute of Technology - Rochester - U.S.A.

**Peter Nijkamp** - Free University, Amsterdam - Amsterdam - The Netherlands

*HUMAN CAPITAL USE, NEGATIVE EXTERNALITIES IN INNOVATION, AND REGIONAL  
ECONOMIC GROWTH*

**Charlie Karlsson** - Department of Economics, Jönköping International Business School -  
Jönköping - Sweden

**Peter Warda** - Department of Economics, Jönköping International Business School - Jönköping -  
Sweden

**Urban Gråsjö** - University West - Trollhättan - Sweden

*SPATIAL KNOWLEDGE SPILLOVERS IN EUROPE – A META-ANALYSIS*



**Gianni Guastella** - Catholic University - Piacenza - Italy

**Francesco Timpano** - Catholic University - Piacenza – Italy

*INCREASING RETURNS, DECREASING RETURNS AND REGIONAL ECONOMIC CONVERGENCE IN THE EU*

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**11.30 – 13.00**

**Room Timis B \_Fri\_11 May**

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*Parallel Session P1*

**NEW FRONTIERS IN REGIONAL SCIENCE: THEORY AND METHODOLOGY**

**Chair: Takeo Ihara**

**Takeo Ihara** - Chubu Industrial and Regional Advancement Center (CIRAC) - Nagoya - Japan

**Michiya Nozaki** - Chubu Industrial and Regional Advancement Center - Nagoya – Japan

*HOW TO RETHINK AND CARRY OUT AN INTERREGIONAL INPUT-OUTPUT ANALYSIS? - BASED ON OUR COMPILED WORKS FOR CENTRAL PART OF JAPAN-*

**Olga Ivanova** - Netherlands Organisation for Applied Scientific Research (TNO) - Delft - The Netherlands

**Andries Brandsma** - European Commission, DG Joint Research Centre - Sevilla - Spain

**d Artis Kancs** - European Commission, DG Joint Research Centre – Sevilla - Spain

*RHOMOLO: A DYNAMIC SPATIAL GENERAL EQUILIBRIUM MODEL*

**Domenica Panzera** - University "G. d'Annunzio" of Chieti-Pescara - Pescara - Italy

**Ana Viñuela** - REGIOlab - University of Oviedo - Oviedo – Spain

*A BAYESIAN INTERPOLATION METHOD TO ESTIMATE THE ADDED VALUE AT SUBREGIONAL LEVEL: LLMS IN SPAIN*

**Umed Temurshoev** - University of Groningen, Faculty of Economics and Business - Groningen - The Netherlands

*BAYESIAN ANALYSIS OF PRODUCT-LEVEL GLOBAL CO2 EMISSION MULTIPLIERS FROM 1995 TO 2009*

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**11.30 – 13.00**

**Room Bistra \_Fri\_11 May**

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*Parallel Session B1*

**AGGLOMERATION, CLUSTERS, CONGESTION AND POLICY**

**Chair: Vicente Royuela**

**Ugo Fratesi** - Politecnico di Milano - Department BEST - Milan – Italy

*AGGLOMERATION ECONOMIES AND REGIONAL POLICY CHOICES IN A MULTI-COUNTRY FRAMEWORK*

**David Prospero** - School of Urban and Regional Planning, Florida Atlantic University - Fort Lauderdale - U.S.A.

*NODE SPECIALIZATION AND STABILITY: DRIVING POLYCENTRIC PATTERNS IN METROPOLITAN REGIONS*

**Johanna Vogel** - University of Oxford - Oxford - U.K.

*AGGLOMERATION AND GROWTH: EVIDENCE FROM THE REGIONS OF CENTRAL AND EASTERN EUROPE*

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**11.30 – 13.00**

**Room Bega B\_Fri\_11 May**

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*Parallel Session G1*

**ENTREPRENEURSHIP, NETWORKS AND INNOVATION**

*Chair: Marilen Pirtea*

**Jörg Freiling** - University of Bremen / LEMEX - Chair in Small Business & Entrepreneurship - Bremen - Germany

**Sven M. Laudien** - University of Bremen / LEMEX - Chair in Small Business & Entrepreneurship - Bremen – Germany

*BORN TRANSNATIONALS - A DIFFERENT STORY OF INTERNATIONAL ENTREPRENEURSHIP?*

**Declan Jordan** - University College Cork - Cork – Ireland

*DOES LOCATION MATTER FOR BUSINESS LEVEL PRODUCT INNOVATION IN VIETNAM? EVIDENCE FROM THE INVESTMENT CLIMATE SURVEY*

**Josep-Maria Arauzo-Carod** - Universitat Rovira i Virgili (QURE-CREIP, Department of Economics) - Reus - Catalonia (Spain)

**Carla-Daniela Calá** - Universidad Nacional de Mar del Plata - Mar del Plata – Argentina

*REGIONAL DETERMINANTS OF FIRM ENTRY IN A DEVELOPING ECONOMY. AN APPLICATION FOR ARGENTINA*

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**11.30 – 13.00**

**Room Dunarea\_Fri\_11 May**

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*Special Session 2*

**FDI IN EUROPE: NEW EMERGING TRENDS?**

*Organizer and Chair: Laura Resmini*

**Riccardo Crescenzi** - London School of Economics - London - U.K.

**Roberta Rabellotti** - Piemonte Orientale University - Novara - Italy

**Carlo Pietrobelli** - InterAmerican Development Bank - Washington - U.S.A.

*SYSTEMS OF INNOVATION AND VALUE CHAINS: AN EMPIRICAL ASSESSMENT OF MNC LOCATION STRATEGIES IN THE EUROPEAN REGIONS*

**Laura Resmini** - Università della Valle d'Aosta - Aosta - Italy

**Laura Casi** - ISLA-Bocconi - Milan – Italy

*DOES FDI PROMOTE GROWTH AND CONVERGENCE? EVIDENCE FROM EUROPE*

**Timo Mitze** - RWI - Rddrn - Germany

**Selin Özyurt** - European Central Bank - Frankfurt – Germany

*THE SPATIAL DIMENSION OF TRADE- AND FDI-DRIVEN PRODUCTIVITY GROWTH IN CHINESE PROVINCES: A GLOBAL COINTEGRATION APPROACH*

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**11.30 – 13.00**

**Room Bega A \_Fri\_11 May**

*Special Session 4*

**NECTAR II – MODELLING ACCESSIBILITY IN SPATIAL-ECONOMIC NETWORKS**

*Organizers: Ana Condeço-Melhorado, Aura Reggiani, Javier Gutiérrez*

**NECTAR II A - Modelling Accessibility and Economic Development**

*Chair: Aura Reggiani*

**Ana Condeço** - University Complutense of Madrid / Human Geography Department - Madrid - Spain

**Javier Gutiérrez** - University Complutense of Madrid / Human Geography department - Madrid - Spain

**Juan-Carlos Martin** - Universidad de Las Palmas de Gran Canaria, Facultad de Ciencias Economicas, Departamento de Analisis Economico Aplicado - Las Palmas de Gran Canaria - Spain

**Concepcion Roman** - Universidad de Las Palmas de Gran Canaria, Facultad de Ciencias Economicas, Departamento de Analisis Economico Aplicado - Las Palmas de Gran Canaria - Spain

*THE BORDER EFFECT IN THE EUROPEAN UNION*

**Boris A. Portnov** - University of Haifa - Haifa - Israel

*DIMINISHING EFFECTS OF LOCATION? SOME EVIDENCE FROM SWISS MUNICIPALITIES, 1950-2000*

**Matías Mayor** - University of Oviedo/School of Business and Economics/Department of Applied Economics - Oviedo - Spain

**José Baños Pino** - Department of Economics, University of Oviedo - Oviedo - SPAIN

**Pelayo González Arbués** - Department of Economics, University of Oviedo - Spain

*PRODUCTIVITY AND ACCESSIBILITY OF ROAD TRANSPORT INFRASTRUCTURE IN SPAIN. A SPATIAL ECONOMETRIC APPROACH*

**Adelheid Holl** - CSIC - Madrid - Spain Ilaria, Mariotti - DiAP-Politecnico di Milano - Milan – Italy

*LOCATION, ACCESSIBILITY AND FIRM-LEVEL PRODUCTIVITY IN SPAIN*

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**14.30 – 16.00**

**Room Tisa \_Fri\_11 May**

*Parallel Session F5*

## **EMERGING CHALLENGES FOR REGIONAL DEVELOPMENT**

*Chair: Piet Rietveld*

**Anca Dachin** - Bucharest Academy of Economic Studies - Bucharest - Romania

**Liviu-Cosmin Mosora** - Bucharest Academy of Economic Studies - Bucharest – Romania

*THE ECONOMIC CRISIS IMPACT ON THE CROSS-REGIONAL DIFFERENCES IN HOUSEHOLD INCOME IN ROMANIA*

**Watanabe Natsuki** - Sapporo University/Graduate School of Economics/ - Sapporo - Japan

**Kanae Musha** - Sapporo University/Faculty of Economics - Sapporo - Japan

**Takao Iida** - Sapporo University/Faculty of Economics/ - Sapporo – Japan

**Akira Kato** - Hokkaido University of Education Hakodate/Faculty of Education - Hakodate - Japan  
*ECONOMIC EFFECTS OF THE WINE INDUSTRY IN HOKKAIDO*

**Catalina - Livia Popa** - West University of Timisoara, Faculty of Economics and Business Administration - Timisoara – Romania

*CHALLENGE OF PLANNING THE QUALITY OF LIFE AT LOCAL LEVEL. CASE STUDY: PLANNING THE QUALITY OF LIFE AT THE LEVEL OF TIMISOARA GROWTH POLE*

**Dongwook Park** - Kyoto University - Kyoto – Japan

**Dai Nakagawa** - Department of Urban Management Graduate School of Engineering Kyoto University - Kyoto – Japan

**Ryoji Matsunaka** - Department of Urban Management Graduate School of Engineering Kyoto University - Kyoto - Japan

**Tetsuharu Oba** - Department of Urban Management Graduate School of Engineering Kyoto University - Kyoto - Japan

*CITY CENTERS VIBRANT WITH PEDESTRIANS NOT BY MOTORIZATION WITH EFFICIENCY, IN THE CASE OF KYOTO, SEOUL AND FLORENCE*

**Harunori Shishido** - Graduate School of Management, Kagawa University - Kagawa – Japan  
*EIGHT YEARS HISTORY OF THE GRADUATE SCHOOL OF MANAGEMENT, KAGAWA UNIVERSITY AS REGIONAL DEVELOPMENT ACTIVITIES*

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**14.30 – 16.00**

**Room Mures A \_Fri\_11 May**

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*Special Session 6*

**TERRITORIAL DEVELOPMENT AND GOVERNANCE OF RURAL AND PERIURBAN AREAS**

*Organizers and Chairs: André Torre and Fred Wallet*

**Eric de Noronha Vaz** - Heidelberg University, Department of Geography, Chair of GIScience - Heidelberg - Germany

**Teresa de Noronha** - University of the Algarve, CIEO - Faro - Portugal

**Peter Nijkamp** - Free University, Amsterdam - Amsterdam - The Netherlands

*A LANDSCAPE ASSESSMENT OF CHANGES IN AGRICULTURAL LAND PATTERNS IN THE ALGARVE: THE REGIONAL CHALLENGE FOR ECONOMIC GROWTH AND AGRICULTURE*

**André Torre** - INRA - Agroparistech - Paris - France

**Frederic Wallet** - INRA - Paris – France

*TERRITORIAL GOVERNANCE MECHANISMS: A CORE DIMENSION OF INNOVATION STRATEGIES FOR REGIONAL DEVELOPMENT*

**Frederic Wallet** - INRA - Paris - France

**Denis Sautier** - CIRAD-MALICA - Hanoi - Vietnam

**Duc Huan Dao** - IPSARD - Hanoi – Vietnam

*COLLECTIVE ACTION AND ORGANIZATIONAL LEARNING IN THE GOVERNANCE OF QUALITY INSTITUTIONS. THE CASE OF GI PHU QUOC FISH SAUCE IN VIETNAM*

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**14.30 – 16.00**

**Room Mures B \_Fri\_11 May**

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*Parallel Session R2*

**RURAL AND LOCAL DEVELOPMENT**

*Chair: Dorel Ailenei*

**Giulio Pedrini** - University of Bologna, School of Development Innovation and Change (SDIC) - Bologna - Italy

**Dorel Nicolae Manitiu** - University of Bologna, School of Development Innovation and Change (SDIC) - Bologna – Italy

*EVALUATION OF PUBLIC POLICIES IN MOUNTAIN REGIONS*

**Ovidiu Megan** - West University of Timisoara / Faculty of Economics and Business  
Administration - Timisoara – Romania

*THE EVOLUTION OF ROMANIAN RURAL SMES IN THE CONTEXT OF NATIONAL RURAL  
DEVELOPMENT PLAN IMPLEMENTATION*

**Andrea Csata** - Sapientia Hungarian University of Transylvania - Miercurea Ciuc – Romania  
*THE EFFECT OF EUROPEAN UNION FUNDS ON RURAL DEVELOPMENT AND  
AGRICULTURE IN HARGHITA COUNTY*

**Biriescu Simona** - West University OF Timisoara, Faculty of Economics and Business  
Administration - Timisoara – Romania  
*ROLE OF LOCAL COMMUNITIES AND COMMUNICATION NETWORKS IN RURAL  
DEVELOPMENT*

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**14.30 – 16.00**

**Room Timis A \_Fri\_11 May**

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*Parallel Session K5*

**INNOVATION, KNOWLEDGE ECONOMY AND REGIONAL DEVELOPMENT**

*Chair: Mark Partridge*

**Ugo Fratesi** - Politecnico di Milano - Department BEST - Milan – Italy  
*REGIONAL KNOWLEDGE FLOWS AND INNOVATION POLICY: A DYNAMIC  
REPRESENTATION*

**Mark Partridge** - The Ohio State University - Columbus, OHIO - U.S.A.

**Belal Fallah** - Palestine Polytechnic University - Hebron - Palestine

**Dan Rickman** - Oklahoma State University - Stillwater - U.S.A.

*GEOGRAPHIC DETERMINANTS OF HIGH-TECH EMPLOYMENT GROWTH IN U.S.  
COUNTIES: EDUCATION, CLUSTERS, AGGLOMERATION AND UNIVERSITY SPILLOVERS*

**Patricio Aroca** - Universidad Catolica del Norte - Antofagasta – Chile

**Miguel Atienza** - Universidad Catolica del Norte - Antofagasta – Chile

**Robert Stimson** - University of Melbourne - Melbourne – Australia

**Roger Stough** - George Mason University - Fairfax, VA - United States of America

*SME BEST PRACTICES AND THE REGIONAL DEVELOPMENT IN DEVELOPING  
ECONOMIES*

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**14.30 – 16.00**

**Room Timis B \_Fri\_11 May**

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*Parallel Session P2*

**NEW FRONTIERS IN REGIONAL SCIENCE: THEORY AND METHODOLOGY**

*Chair: Antoine Bailly*

**Kuninori Nakagawa** - Kushiro Public University of Economics - Kushiro – Japan  
*FANS AND PRODUCT DIFFERENTIATION - HOTELLING MEETS VARIAN –*

**Daniela Antonescu** - Institute of National Economy, Romanian Academy - Bucharest – Romania  
*NEW THEORETICAL PERSPECTIVES OF REGIONAL DEVELOPMENT*

**Enrico Fabrizi** - Università Cattolica del S. Cuore - Piacenza - ITALY

**Nicola Salvati** - Università di Pisa - Pisa - Italy

**Caterina Giusti** - Università di Pisa - Pisa - Italy

**Nikos Tzavidis** - University of Southampton - Southampton - United Kingdom

*ESTIMATION OF PER-CAPITA EQUIVALIZED INCOME IN SMALL GEOGRAPHIC AREAS  
USING ROBUST M-QUANTILE REGRESSION METHODS*

**Kozo Yuasa** - Dept. of Architecture & Building Engineering NIIGATA Institute of Technology -  
Kashiwazaki - Japan

*THE FORMING OF SUSTAINABLE SOCIETY IN THE EDO PERIOD (1613-1867) IN JAPAN  
AND THE CONSIDERING ABOUT THE MANAGEMENT*

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**14.30 – 16.00**

**Room Bistra \_Fri\_ 11 May**

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*Parallel Session B2*

### **AGGLOMERATION, CLUSTERS, CONGESTION AND POLICY**

*Chair: Daniela-Luminita Constantin*

**Ewa Bojar** - Faculty of Management, Lublin University of Technology - Lublin – Poland

**Jan Stachowicz** - Faculty of Organization and Management, Silesian University of Technology -  
Zabrze – Poland

**Matylda Bojar** - Faculty of Management, Lublin University of Technology - Lublin – Poland

*DEVELOPMENT OF INTER-ORGANIZATIONAL NETWORKS FOR SUSTAINABLE REGIONAL  
DEVELOPMENT – AN EXAMPLE OF CLUSTERS*

**Daniela-Luminita Constantin** - Bucharest Academy of Economic Studies - Bucharest - Romania

**Adriana Reveiu** - Bucharest Academy of Economic Studies - Bucharest – Romania

*REGIONAL SPECIALIZATION AND DIVERSITY: WHAT DO THEY SUGGEST ABOUT  
CLUSTERS? EMPIRICAL EVIDENCE FROM ROMANIA*

**Manuel Fernandez-Grela** - University of Santiago de Compostela - Santiago de Compostela -  
Spain

**Aizhan Samambayeva** - University of Santiago de Compostela - Santiago de Compostela – Spain  
*IDENTIFICATION OF REGIONAL INDUSTRIAL CLUSTERS IN THE REPUBLIC OF  
KAZAKHSTAN*

**Michaela Fuchs** - Institute for Employment Research (IAB) - Halle - Germany  
**Oliver Ludewig** - Institute for Employment Research (IAB) - Nürnberg – Germany  
*HOW IMPORTANT ARE AGGLOMERATION EFFECTS FOR PLANT PERFORMANCE?  
EMPIRICAL EVIDENCE FOR GERMANY*

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**14.30 – 16.00**

**Room Bega B \_Fri\_11 May**

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*Parallel Session G2*

**ENTREPRENEURSHIP, NETWORKS AND INNOVATION**

*Chair: Peter Nijkamp*

**Karima Kourtit** - Dept. of Spatial Economics VU University - Amsterdam - The Netherlands  
**Peter Nijkamp** - Free University, Amsterdam - Amsterdam - The Netherlands  
**Soushi Suzuki** - Dept. of Civil and Environmental Engineering Hokkai-Gakuen University – Japan  
*URBAN DEVELOPMENT AND MIGRANT ENTREPRENEURSHIP: A NEW PERFORMANCE  
ANALYSIS FOR ‘BUSINESS CHAMPIONS’*

**Maria Plotnikova** - Aberystwyth University - Aberystwyth - UK  
**Juan A., Martínez-Román** - Department of Applied Economics, University of Seville - Seville - Spain

**Isidoro Romero** - Department of Applied Economics, University of Seville - Seville – Spain  
*PROCESS INNOVATION IN SMALL BUSINESSES: INVESTIGATING THE INNOVATIVE  
BEHAVIOR OF THE SELF-EMPLOYED*

**Begoña Cueto** - University of Oviedo - Oviedo - Spain  
**Ana Viñuela** - REGIOlab - University of Oviedo - Oviedo – Spain  
*ENTREPRENEURSHIP IN SPAIN: WHO, WHEN AND WHERE?*

**Cristina Maria Serbanica** - 1. Constantin Brancoveanu University, Pitesti, Romania; 2. Bucharest Academy of Economic Studies - Pitesti - Romania

**Daniela-Luminita Constantin** - Bucharest Academy of Economic Studies - Bucharest - Romania

**Gabriela Dragan** - Bucharest Academy of Economic Studies - Bucharest - Romania  
*REGIONAL PATTERNS OF UNIVERSITY - INDUSTRY KNOWLEDGE TRANSFER IN ROMANIA*

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**14.30 – 16.00**

**Room Curtea de arbitraj \_Fri\_11 May**

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*Parallel Session D1*

**CRISIS OF PUBLIC FINANCES, GOVERNANCE AND REGIONAL DEVELOPMENT**

*Chair: Carmen Babaita*



**Dorin Cosma** - West University Timisoara - Timisoara – Romania

**Lucia Risti** - „Aurel Vlaicu” University of Arad - Arad – Romania

*FINANCIAL IMPACT OF CROWDING ON GENERAL GOVERNMENT LOANS NON-GOVERNMENT CREDIT*

**Donath Liliana** - West University of Timisoara/ Faculty of Economics and Business Administration - Timisoara – Romania

**Popescu Alexandra-Codruta** - West University of Timisoara / Faculty of Economics and Business Administration - Timisoara – Romania

*ROMANIAN TAX CULTURE AS A TRIGGER OF TAX COMPLIANCE*

**Liliana Donath** - West University Timisoara - Timisoara - Romania

**Victoria Seulean** - West University Timisoara - Timisoara - Romania

**Mariana Slavin** - Public Finance Administration Arad - Arad – Romania

*DETERMINANTS OF THE TAX HARMONISATION IN THE EUROPEAN UNION*

**Valentin Scarlat** - Ecological University of Bucharest/ Faculty of Economic Sciences - Bucharest – Romania

*CENTRAL AND EASTERN EUROPE BANKS’ RISKS*

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**14.30 – 16.00**

**Room Dunarea \_Fri\_11 May**

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***RSAI COUNCIL MEETING***

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**14.30 – 16.00**

**Room Bega A \_Fri\_11 May**

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*Special Session 4*

**NECTAR II – MODELLING ACCESSIBILITY IN SPATIAL-ECONOMIC NETWORKS**

*Organizers: Ana Condeço-Melhorado, Aura Reggiani, Javier Gutiérrez*

**Nectar II B - Modelling Accessibility for Urban Planning**

*Chair: Jonathan Levine*

**Jonathan Levine** - Taubman College of Architecture and Urban Planning - The University of Michigan

*WHY IS ACCESSIBILITY STUCK IN THE LABORATORY?*

**Keemin Sohn** - Department of Urban Engineering Chung-Ang University - Seoul - Korea

*SOME EMPIRICAL GROUNDS FOR REPLACING AT-GRADE RAILWAYS WITH UNDERGROUND SUBWAYS IN THE SEOUL METROPOLITAN AREA*

**Aurélie Mahieux** - IFSTTAR / University of Lille - Villeneuve d'Ascq - France  
*NEW MOBILITY SERVICES IN DIFFERENTIATED AREAS LIKE URBAN, SUBURBAN AND RURAL*

**Bouzouina Louafi** - Laboratoire Economie des Transports - Lyon - France  
**Corsatea Teodora** - ICER - Torino - Italy  
*EVOLUTION OF ACCESSIBILITY AND LOCATION PATTERNS FOR BUSINESS SERVICES IN LYON URBAN AREA*

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**16.30 – 18.00**

**Room Tisa \_Fri\_11 May**

*Parallel Session F6*

**EMERGING CHALLENGES FOR REGIONAL DEVELOPMENT**

**Chair: Yoshiro Higano**

**Yoon JongJin** - Kyoto University - Kyoto - Japan

**Morichi Shigeru** - National Graduate Institute for Policy Studies - Tokyo – Japan

*IMPROVING TRANSPORT EFFICIENCY IN REVERSE LOGISTICS FOR WASTE MANAGEMENT*

**Ana Cláudia Arruda Laprovitera** - Federal University of Pernambuco/ Brazilian Service to Small Business - Recife – BRAZIL

*THE NEW INDUSTRIAL CONFIGURATION IN NORTHEAST BRAZIL REGION*

**Konstantinos Hazakis** - Department of International Economic Relations and Development, Democritus University - Komotini – Greece

**Panagiotis Ioannidis** - Department of International Economic Relations and Development, Democritus University - Komotini – Greece

*THE INFLUENCE OF LOCAL GOVERNMENT INSTITUTIONAL REFORMS ON SUBSIDIES DISTRIBUTION AMONG MUNICIPALITIES: EVIDENCE FROM GREECE*

**Gheorghe Vârlan** - The West University Vasile Goldiș of Arad, Economics Sciences Faculty - Arad - Romania

**Ionuț Goleț** - The West University of Timișoara, Faculty of Economics and Business Administration - Timișoara - Romania

**Diana Sophia Codaț** - Tibiscus University of Timișoara, Faculty of Computers and Applied Informatics - Timișoara - Romania

*THE TERRITORIAL DEVELOPMENT OF THE SPACES INTEGRATED IN THE WESTERN REGION*

**Francesco Iacometti** - Regione Toscana - Florence - Italy

**Massimo Vitrani** - Regione Toscana - Florence – Italy

*THE PERLA PROJECT: AN EXAMPLE OF INTEGRATED MARITIME POLICIES IN TUSCANY*

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16.30 – 18.00

Room Mures A \_Fri\_11 May

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*Parallel Session J1*

**INFRASTRUCTURE, TRANSPORTS AND COMMUNICATIONS**

*Chair: Maciej Turala*

**Gervásio Santos** - Federal University of Bahia - Salvador - Brazil

**Eduardo Haddad** - University of São Paulo - São Paulo - Brazil

**Lucas Ferraz** - Fundação Getúlio Vargas - São Paulo – Brazil

*ELECTRIC POWER PRICE REGULATION UNDER INTERREGIONAL GENERAL EQUILIBRIUM AND AGGLOMERATION ECONOMIES*

**David McArthur** - Stord/Haugesund University College - Haugesund - Norway

**Liv Osland** - Stord/Haugesund University College - Haugesund - Norway

**Gunnar S. Eskeland** - Norwegian School of Economics, NHH - Bergen – Norway

*ELECTRIC POWER SUPPLY SHIPS: AN EFFECTIVE WAY OF REDUCING EMISSIONS FROM SHIPS AT BERTH IN PORT CITIES?*

**Hiroyuki Shibusawa** - Toyohashi University of Technology, Department of Architecture and Civil Engineering - Toyohashi - Japan

**Yuzuru Miyata** - Graduate School of Architecture and Civil Engineering, Toyohashi University of Technology - Toyohashi - Japan

**Yoshiro Higano** - Graduate School of Life and Environmental Sciences - Tempaku - Japan

*A FRAMEWORK OF DYNAMIC SPATIAL CGE MODE WITH TRANSPORTATION NETWORKS: EQUILIBRIUM AND OPTIMALITY*

**David McArthur** - Stord/Haugesund University College - Haugesund – Norway

**Inge Thorsen** - Stord/Haugesund University College - Haugesund - Norway

**Jan Ubøe** - NHH Norwegian School of Economics - Bergen – Norway

*EFFECTS OF IGNORING RELOCATION EFFECTS IN COST-BENEFIT ANALYSIS*

**Maciej Turala** - University of Lodz - Lodz – Poland

*STRATEGIES OF CITY MANAGEMENT – THE CASE STUDY OF LODZ, POLAND*

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16.30 – 18.00

Room Mures B \_Fri\_11 May

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*Parallel Session R3*

**RURAL AND LOCAL DEVELOPMENT**

*Chair: Gisléia Benini*

**Gisléia Benini** - Universidade Federal Rural de Pernambuco - Recife - Brazil

**Raul Silveira Neto** - University Federal of Pernambuco - Recife – Brazil

*THE INFLUENCE OF CHILD LABOR ON ADULT INCOME: AN ANALYSIS OF RURAL WORKERS IN BRAZIL FROM QUANTILE REGRESSIONS*

**Contò Francesco** - University of Foggia - Foggia - Italy

**Mariantonietta Fiore** - University of Foggia - Foggia - Italy

**Umberto Medicamento** - University of Bari - Bari - Italy

**Pier Michele La Sala** - University of Basilicata – Potenza - Italy

*OPERATIONAL INSTRUMENTS AND INDEXES ABLE TO GRASP THE EFFECTIVENESS OF LOCAL FOOD POLICIES BASED ON SC EXPLOITATION: A METHODOLOGICAL DEVELOPMENT*

**Maria Vincze** - Babes-Bolyai University of Cluj Napoca, Faculty of Economics and Business Administration - Cluj Napoca - Romania

**Elemer Mezei** - Babes-Bolyai University of Cluj Napoca, Faculty of Sociology and Social Work - Cluj Napoca – Romania

**Emese Szócs** - Sapientia, Faculty of International Relation, Cluj-Napoca - Cluj-Napoca - Romania

**Gyorgyi Marton** - Babes-Bolyai University of Cluj Napoca, Faculty of Economics and Business Administration, masterand - Cluj Napoca - Romania

*MODELLING OF THE TERRITORIAL DIFFERENCES IN RURAL DEVELOPMENT. A ROMANIAN CASE STUDY*

**Stephan Brunow** - Institute for Employment Research - Nuremberg - Germany

**Hanna Brenzel** - Institute for Employment Research - Nuremberg – Germany

*THE EFFECT OF A CULTURAL DIVERSE POPULATION ON REGIONAL INCOME IN EU REGIONS*

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**16.30 – 18.00**

**Room Timis A \_Fri\_11 May**

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*Parallel Session K6*

**INNOVATION, KNOWLEDGE ECONOMY AND REGIONAL DEVELOPMENT**

*Chair: Claudiu Brandas*

**Anna Mishura** - Institute of Economics and Industrial Engineering, Siberian Branch of the Russian Academy of Sciences - Novosibirsk – Russia

*THE DOMINANCE OF PRIMARY CITIES. CASE OF MOSCOW*

**Szathmary Miclea Elena Camelia** - West University of Timisoara - Faculty of Economics and Business Administration - Timisoara - Romania

**Sacui Violeta** - West University of Timisoara - Faculty of Economics and Business Administration - Timisoara – Romania

*THE UNIVERSITIES INTELLECTUAL CAPITAL VALUATION*

**Claudiu Brandas** - West University of Timisoara, Faculty Economics and Business Administration  
*DECISION SUPPORT SYSTEMS APPLICATIONS FOR IMPROVING CORPORATE GOVERNANCE EFFECTIVENESS*

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**16.30 – 18.00**

**Room Timis B\_Fri\_11 May**

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*Parallel Session P3*

**NEW FRONTIERS IN REGIONAL SCIENCE: THEORY AND METHODOLOGY**

*Chair: Amit Batabyal*

**Aura Reggiani** – University of Bologna – Bologna - Italy

**Peter Nijkamp** - Free University, Amsterdam - Amsterdam - The Netherlands

*DID ZIPF ANTICIPATE SOCIO-ECONOMIC SPATIAL NETWORKS?*

**Shinichi Furuzawa** - The University of Tokyo - Tokyo - Japan Akira, Kiminami - The University of Tokyo - Tokyo - Japan

**Lily Kiminami** - Niigata University - Niigata – Japan

*INTER-REGIONAL SPECIALIZATION IN JAPAN: APPLICATION OF INTER-REGIONAL INPUT OUTPUT ANALYSIS*

**Amit Batabyal** - Rochester Institute of Technology - Rochester - U.S.A.

**Peter Nijkamp** - Free University, Amsterdam - Amsterdam - The Netherlands

*THE CREATIVE CLASS, ITS PREFERENCES, AND UNBALANCED GROWTH IN AN URBAN ECONOMY*

**Fernando Perobelli** - Federal University of Juiz de Fora - Economic Department - Juiz de Fora - Brazil

**Eduardo Haddad** - Universidade de Sao Paulo - FEA / USP - Sao Paulo – Brazil

*ECUADORIAN REGIONAL ECONOMIC STRUCTURE: A SPATIAL OUTPUT DECOMPOSITION APPROACH*

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**16.30 – 18.00**

**Room Bistra \_Fri\_11 May**

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*Parallel Session B3*

**AGGLOMERATION, CLUSTERS, CONGESTION AND POLICY**

*Chair: Dorin Jula*

**Mihaela-Cornelia Dan** - Academy of Economic Studies of Bucharest, UNESCO Department for Business Administration - Bucharest – Romania

*HOW TO FIT CLUSTERS IN REGIONAL DEVELOPMENT? AN ANALYSIS IN THE ROMANIAN ECONOMIC CONTEXT*

**Dina Luț** - Universitatea Creștină „Dimitrie Cantemir” , Facultatea de Management Turistic și Comercial Timișoara - Timișoara - Romania

**Luiza Caraivan** - Universitatea Creștină „Dimitrie Cantemir” , Facultatea de Management Turistic și Comercial Timișoara - Timișoara - Romania

*ROLE OF BUSINESS CLUSTERS FOR ENHANCING INNOVATION PROCESS AND INCREASING COMPETITIVENESS OF ROMANIAN ENTERPRISES*

**Lucian Sirb** - West University of Timisoara, Faculty of Economics and Business Administration - Timisoara – Romania

*THE INNOVATION OF SPATIAL ORGANIZATION OF THE RELATED ACTIVITIES REGARDING TO THE “ROȘIA MONTANĂ PROJECT” BY REGIONAL CLUSTERING*

**Claudia Rodica Popescu** - The Bucharest Academy of Economic Studies - Bucharest - Romania

**Alexandru Gavriș** - Bucharest Academy of Economic Studies - Bucharest – Romania

*ASSESESING THE IMPACT OF THE ECONOMIC CRISIS IN THE IT&C INDUSTRY SECTOR – EVIDENCE FROM BUCHARES*

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**16.30 – 18.00**

**Room Bega B \_Fri\_11 May**

*Parallel Session G3*

## **ENTREPRENEURSHIP, NETWORKS AND INNOVATION**

*Chair: Nicolae Bibu*

**Yongling Yao** - School of Economics, Renmin University of China - Beijing - China

**Yunhan Wang** - School of Economics, Renmin University of China - Beijing - China

**Yue Dong** - School Economics, Renmin University of China - Beijing – China

*WORLD CITY NETWORK AND THE AGENCY OF RELATIONS*

**Nikolaos Kapitsinis** - University of Groningen, Faculty of Spatial Sciences - Groningen - the Netherlands

**Sierdjan Koster** - University of Groningen, Faculty of Spatial Sciences - Groningen - The Netherlands

*ANALYSIS OF REGIONAL ENTREPRENEURSHIP AND NEW FIRM FORMATION*

**Begoña Cueto** - University of Oviedo - Oviedo – Spain

*AN ANALYSIS OF ENTREPRENEURSHIP IN SPAIN UNDER SPATIAL AUTOCORRELATION*

**Nicolae Bibu** - Faculty of Economics and Business Administration, University of the West - Timisoara - Romania

**Diana Sala** - University of the West - Timisoara - Romania

**Marian Nastase** - Faculty of Management, Bucharest Academy of Economic Studies - Bucharest – Romania

*CHARACTERISTICS OF FAST GROWING COMPANIES FROM THE WESTERN REGION OF ROMANIA*

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**16.30 – 18.00**

**Room Curtea de arbitraj\_Fri\_11 May**

*Parallel Session D2*

**CRISIS OF PUBLIC FINANCES, GOVERNANCE AND REGIONAL DEVELOPMENT**

*Chair: Ioan Talpos*

**Giulio Pedrini** - University of Bologna, School of Development Innovation and Change (SDIC) - Bologna - Italy

**Dorel Nicolae Manitiu** - University of Bologna, School of Development Innovation and Change (SDIC) - Bologna – Italy

*RELATIONSHIP BANKING, SYSTEMIC FAILURE, LOCAL DEVELOPMENT: ITALIAN LOCAL BANKS DURING THE FINANCIAL CRISIS*

**Yannis Psycharis** - Panteion University of Social and Political Sciences - Athens - Greece

**Dimitris Kallioras** - University of Thessaly - Volos - Greece

**Panagiotis Artelaris** - University of Thessaly - Volos - Greece

**Panagiotis Pantazis** - University of Thessaly - Volos - Greece

*THE SPATIAL DIMENSION OF ECONOMIC CRISIS – THE ‘GEOGRAPHICAL FOOTPRINT’ OF ECONOMIC CRISIS IN GREECE*

**Tohru Naito** - The University of Tokushima - Tokushima – Japan

*OPTIMAL PRIVATIZATION OF PUBLIC FIRM AND URBAN UNEMPLOYMENT IN A DUALISTIC ECONOMY*

**Ciprian Alexandru Antoniaide** - Ecological University of Bucharest - Economics Faculty - Bucuresti - Romania

**Dan Constantinescu** - Ecological University of Bucharest - Economics Faculty - Bucuresti – Romania

*FIXED INCOME INSTRUMENTS IN THE PORTFOLIO MANAGEMENT AND IMPLICATIONS ON REGIONAL DEVELOPMENT: EVIDENCE FROM THE ROMANIAN PRIVATE PENSION FUNDS*

**Madalina Cristina Tocan** - Ecological University Bucharest - Bucharest – Romania

**Oana Chindris - Vasoiu** - Ecological University Bucharest - Bucharest – Romania

*STRATEGIES AND POLICIES TO STIMULATE THE KNOWLEDGE ECONOMY IN ROMANIA- THE CURRENT STATE AND PERSPECTIVES*

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16.30 – 18.00

Room Dunarea \_Fri\_11 May

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***RSAI COUNCIL MEETING***

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16.30 – 18.00

Room Bega A \_Fri\_11 May

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*Special Session 4*

**NECTAR II – Modelling Accessibility in Spatial-Economic Networks**

*Organizers: Ana Condeço-Melhorado, Aura Reggiani, Javier Gutiérrez*

**Nectar II C - Modelling the Relation between Accessibility and Environment**

*Chair: Ana Condeço*

**Yuanni Xia** - Faculteit der Economische Wetenschappen en Bedrijfskunde - Amsterdam - Netherlands

**Piet Rietveld** - Dept. of Spatial Economics, VU University - Amsterdam - The Netherlands

**Jos N. Van Ommeren** - Dept. of Spatial Economics, VU University - Amsterdam - The Netherlands

**Willem Verhagen** - Faculteit der Economische Wetenschappen en Bedrijfskunde - Amsterdam - Netherlands

*WEATHER, DISRUPTIONS IN THE RAILWAY SECTOR, AND ACCESSIBILITY IMPLICATIONS*

**Johannes Keller** - Technische Universität München - München - Germany

**Ji Chenyi** - Technische Universität München - München - Germany

*DEVELOPING ACCESSIBILITY MODELS TO FOSTER CLIMATE-EFFICIENT REGIONAL DEVELOPMENT*

**Nicolás Ibáñez** - Institute for Prospective Technological Studies, DG Joint Research Centre, European Commission - Seville - Spain

**Panayotis Christidis** - Institute for Prospective Technological Studies, DG Joint Research Centre, European Commission - Seville - Spain

*EUROPEAN ASSESSMENT OF INTERURBAN AND URBAN CONGESTION MEASURES BASED ON PROBE VEHICLE DATA AND THEIR EFFECT ON ACCESSIBILITY PATTERNS ACROSS EUROPE*

**Chikage Miyoshi** - Department of Air Transport, School of Engineering / Cranfield University - Bedford - U.K.

*THE DAMAGE COST OF CARBON DIOXIDE BY INDIVIDUAL ON THE AIRPORT SURFACE ACCESS, AND THE OPPORTUNITY FOR THE MITIGATION POLICY: A CASE OF MANCHESTER AIRPORT*

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**9.30 – 11.00**

**Room Tisa\_Sat\_12 May**

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*Parallel Session F7*

**EMERGING CHALLENGES FOR REGIONAL DEVELOPMENT**

**Chair: Andrea Caragliu**

**Andrea Caragliu** - Politecnico di Milano - Building Environment Science and Technology - Milan - Italy

**Peter Nijkamp** - Free University, Amsterdam - Amsterdam - The Netherlands

*SPACE AND SPILLOVERS THE ROLE OF DIFFERENT FORMS OF PROXIMITY ON KNOWLEDGE DIFFUSION*

**Mehmet Güney Celbis** - Maastricht University - Maastricht - The Netherlands

**Peter Nijkamp** - Free University, Amsterdam - Amsterdam - The Netherlands

**Jacques Poot** - National Institute of Demographic and Economic Analysis - Hamilton - New Zealand

*THE IMPACTS OF INFRASTRUCTURE ON TRADE: EVIDENCE FROM META ANALYSIS*

**André Torre** - INRA - Agroparistech - Paris – France

*PROXIMITY RELATIONS AT THE HEART OF TERRITORIAL DEVELOPMENT PROCESSES*

**Claudiu Herteliu** - Statistics and Econometrics Department, University of Economic Studies - Bucharest – Romania

*THE VILLAGES' DEVELOPMENT INDEX AND ITS RELATIONSHIP WITH RELIGION AND ETHNICITY – A QUANTITATIVE INQUIRE ON ROMANIA*

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**9.30 – 11.00**

**Room Mures A\_Sat\_12 May**

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*Parallel Session J2*

**INFRASTRUCTURE, TRANSPORTS AND COMMUNICATIONS**

**Chair: Peter Stenberg**

**Peter Stenberg** - Economic Research Service - Washington, DC - U.S.A.

*SPATIAL DIFFUSION OF BROADBAND TECHNOLOGIES INTO U.S. HOUSEHOLDS*

**Antonio Bento** - Cornell University - Ithaca - U.S.A.

**Kevin Roth** - Cornell University - Ithaca - U.S.A.

**Yiou (Scarlett) Zuo** - Cornell University - Ithaca - U.S.A.

*VEHICLE LIFETIME TRENDS AND SCRAPPAGE BEHAVIOR IN THE USED CAR MARKET*

**Deymier Ghislaine** - Institut D'aménagement de Tourisme et D'urbanisme, Ades, Université Montaigne Bordeaux3 - Pessac - France

**Gaschet Frederic** - Gretha, Université Montesquieu Bordeaux4 - Pessac - France

**Pouyanne Guillaume** - Gretha, Universite Montesquieu Bordeaux4 - Pessac - France  
*THE TRAVEL ACCOUNT PASSENGER SPATIALIZED: A TOOL FOR UNDERSTAND INTERACTIONS BETWEEN URBAN FORM AND DAILY MOBILITY*

**Ricardo Biscaia** - Faculty of Economics of University of Porto - Oporto - Portugal  
**Paula Sarmento** - Faculty of Economics of University of Porto - Oporto – Portugal  
*SPATIAL COMPETITION AND FIRMS' LOCATION DECISION UNDER MARGINAL COST UNCERTAINTY*

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**9.30 – 11.00**

**Room Timis A\_Sat\_12 May**

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*Parallel Session U*

### **SPATIAL ECONOMETRICS**

*Chair: Lionel Vedrine*

**Elisa Montresor** - University of Verona - Verona - Italy  
**Francesco Pecci** - University of Verona - Verona - Italy  
**Nicola Pontarollo** - University of Verona - Verona – Italy  
*STRUCTURAL FUNDS, SPATIAL SPILLOVERS AND ECONOMIC CONVERGENCE IN EU: A SPATIAL ECONOMETRICS APPROACH*

**Lionel Vedrine** - UMR CESAER, INRA - Dijon – France  
*ALLOCATION OF EUROPEAN STRUCTURAL FUNDS AND STRATEGIC INTERACTIONS: IS THERE A YARDSTICK COMPETITION BETWEEN REGIONS IN THE PUBLIC AID FOR DEVELOPMENT?*

**Marie-Estelle Binet** - University of Rennes 1, Faculty of Economics - Rennes - France  
**Matthieu Leprince** - University of Rennes 1, Faculty of Economics - Rennes - France  
**Alain Guengant** - University of Rennes 1, Faculty of Economics - Rennes – France  
*OVERLAPPING JURISDICTIONS AND DEMAND FOR LOCAL PUBLIC SERVICES: DOES SPATIAL HETEROGENEITY MATTER?*

**Blanca Moreno** - Department of Applied Economics- University of Oviedo - Oviedo - Spain  
**Esteban Fernandez-Vazquez** - University of Oviedo - Oviedo – Spain  
*REGIONAL TEMPORAL DISAGGREGATION ON ECONOMIC SERIES ASSUMING SPATIAL STRUCTURES: A MAXIMUM ENTROPY BASED MODEL*

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**9.30 – 11.00**

**Room Timis B\_Sat\_12 May**

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*Parallel Session WI*

**TOURISM, CULTURAL INDUSTRIES AND REGIONAL DEVELOPMENT**

**Chair: Hideto Azegami**

**Hideto Azegami** - Kyotogakuen University / Faculty of Economics - Kameoka – Japan  
*REGIONAL DIFFERENCES IN SALES OF INDIVIDUAL ANNUITIES IN JAPAN*

**Ion Imbrescu** - West University of Timisoara, Faculty of Economics and Business Administration  
- Timisoara – Romania

**Corina Raceanu** - Intercultural Institute Timisoara – Timisoara  
*THE ROLE AND IMPORTANCE OF CULTURAL AND CREATIVE INDUSTRIES IN REGIONAL DEVELOPMENT*

**Mihaela Eugenia Albu** - Grigore Moisil Highschool - Onesti – Romania  
*REGIONAL DIMENSION OF CULTURAL PHENOMENON IN ROMANIA*

**Valentyn Velychko** - Institute of World Economy and International Relations - National Academy  
of Sciences of Ukraine - Kyiv – Ukraine

*INVESTING IN CULTURAL CLUSTERS IN UKRAINE: NEW CHALLENGES AND OPPORTUNITIES*

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**9.30 – 11.00**

**Room Bistra\_Sat\_12 May**

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*Parallel Session XI*

**URBAN GOVERNANCE AND CITIES REGENERATION**

**Chair: Roger Stough**

**Putra Rizkiya** - FH Frankfurt/ Faculty of Civil Engineering, Architecture and Geomatics/ Master  
of Urban Agglomerations - Frankfurt am Main – Germany

*THE IMPLEMENTATION OF EQUALITY, EQUIVALENCE, AND EQUITY IN SECTORAL HOUSING POLICY AND SPATIAL POLICY*

**Massimiliano Bencardino** - University of Salerno - Salerno - Italy

**Ilaria Greco** - University of Benevento - Benevento – Italy

*PROCESSES OF ADAPTATION AND CREATION OF A TERRITORIAL GOVERNANCE. THE EXPERIENCE OF THE CITIES OF BENEVENTO AND SALERNO (CAMPANIA REGION, ITALY)*

**Laurence Delattre** - INRA - Avignon - France

**Olivier Chanel** - EHESS / Greqam - Marseille - France

**Claude Napoleone** - INRA - Avignon – France

*COMBINING APPROACHES TO OUTLINE THE DETERMINANTS OF MUNICIPAL POLICIES FOR AGRICULTURAL AND NATURAL LAND CONSERVATION*

**Sutee Anantsuksomsri** - Cornell University - Ithaca - U.S.A.

**Yuri Mansury** - Cornell University - Ithaca - U.S.A.

**Nij Tontisirin** - Cornell University - Ithaca - U.S.A.

*UNIVERSITY MONOPSONY POWER: A COMPUTABLE GENERAL EQUILIBRIUM MODEL OF A SMALL URBAN AREA*

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**9.30 – 11.00**

**Room Bega B\_Sat\_12 May**

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*Parallel Session G4*

**ENTREPRENEURSHIP, NETWORKS AND INNOVATION**

*Chair: Nicoleta Sirghi*

**Nicolae Bibu** - Faculty of Economics and Business Administration (FEAA), West University, - Timisoara - Romania

**Mihai Lisetchi** - Faculty of Economics and Business Administration (FEAA), West University, - Timisoara - Romania

**Marian Nastase** - Faculty of Management, Bucharest Academy of Economic Studies - Bucharest - Romania

*"SOCIALIZING" ECONOMIC CONCEPTS: THE ENTREPRENEURSHIP*

**Claudia Cordea** - West University of Timisoara/Faculty of Economics and Business Administration - Timisoara – Romania

*ACADEMIC ENTREPRENEURSHIP: CHALLENGES FOR HIGHER EDUCATION INSTITUTION IN THE WESTERN PART OF ROMANIA*

**Nicoleta Sirghi** - West University of Timisoara/ Faculty of Economics and Business Administration - Timisoara – Romania

*THEORIES OF THE FIRM AND THE RELATIONSHIP FIRM-INNOVATION-MARKET*

**Liviu Cabău** - West University of Timișoara/Faculty of Economics and Business Administration - Timișoara – România

*PRODUCTIVITY PARADOX, MYTH OR REALITY?*

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9.30 – 11.00

Room Curtea de Arbitraj\_Sat\_12 May

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*Parallel Session D3*

**CRISIS OF PUBLIC FINANCES, GOVERNANCE AND REGIONAL DEVELOPMENT**

**Chair: Dorin Cosma**

**Cosmin Enache** - West University of Timisoara - Timisoara – Romania

*WELFARE STATE, PENSION REFORM AND HOUSEHOLD AGGREGATE SAVING IN CENTRAL AND EASTERN EUROPEAN COUNTRIES*

**Lucia Risti** - „Aurel Vlaicu” University of Arad, - Arad - Romania

**Dorin Cosma** - West University Timisoara - Timisoara – Romania

*STUDY INFLATIONARY POTENTIAL OF EXCESSIVE BUDGET DEFICITS IN ROMANIA*

**Dorin Cosma** - West University of Timisoara, Faculty of Economics and Business Administration - Timisoara – Romania

**Adrian Mateia** - European University Dragan, Faculty of Economics - Timisoara - Romania

*PROPOSALS FOR ROMANIAN PUBLIC SUPERIOR EDUCATIONAL SYSTEM FINANCING*

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9.30 – 11.00

Room Dunarea\_Sat\_12 May

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*Special Session 5*

**SPATIAL MODELING AND LOCATION ANALYSIS**

**Organizer and Chair: Jean-Claude Thill**

**Sebastien Bourdin** - University of Rouen - National Center for Scientific Research UMR IDEES - Rouen - France

*MODELISATION AND SIMULATION OF THE ROLE OF EUROPEAN STRUCTURAL FUNDS IN AN ENLARGED UE*

**Ana-Maria Săndică** - Bucharest Academy of Economic Studies - Bucharest – Romania

*A SPATIAL-ECONOMETRIC PERSPECTIVE ON REGIONAL LABOUR MARKET IN ROMANIA*

**Robert Buciak** - Central Statistical Office of Poland - Warsaw - Poland

**Marek Pieniżek** - Central Statistical Office of Poland - Warsaw – Poland

*SPATIAL CLASSIFICATION OF RURAL AREAS IN POLAND*

**Fernando Rubiera-Morollón** - REGIOlab - Oviedo University - Oviedo - Spain

**Ana Gómez-Loscos** - FUNDEAR - Zaragoza University - Zaragoza – Spain

*MEASURING TERRITORIES URBANIZATION. PROPOSAL OF AN INDEX WHICH SYNTHESIZED THE DEGREE OF URBANIZATION AND AGGLOMERATION OF THE TERRITORIES*

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9.30 – 11.00

Room Bega A\_Sat\_12 May

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*Special Session 4*

**NECTAR II – MODELLING ACCESSIBILITY IN SPATIAL-ECONOMIC NETWORKS**

*Organizers and Chairs: Ana Condeço-Melhorado, Aura Reggiani, Javier Gutiérrez*

**Nectar II D - Modelling Accessibility in Complex Networks I**

*Chair: Karst Geurs*

**David Philip McArthur** - Stord/Haugesund University College - Haugesund - Norway

**Inge Thorsen** - Stord/Haugesund University College - Haugesund - Norway

**Jan Ubøe** - NHH Norwegian School of Economics - Bergen - Norway

*TRANSPORT NETWORKS AND ACCESSIBILITY: COMPLEX SPATIAL INTERACTIONS*

**Jeroen Cant** - Department of Transport and Regional Economics of the Universiteit Antwerpen - Antwerpen - Belgium

**Bjorn Debecker** - IMEC - Antwerpen - Belgium

**Ann Verhetsel** - Department of Transport and Regional Economics of the Universiteit Antwerpen - Belgium

*THE DEVELOPMENT OF AN ARCGIS TOOL TO SUPPORT SPATIALLY RESTRICTIVE RETAIL PLANNING*

**Yang Wang** - TRANSyT-UPM - Madrid - Spain

**Floriea Di Ciommo** - TRANSyT-UPM - Madrid - Spain

**Andrés Monzón** - TRANSyT-UPM, - Madrid - Spain

*ACCESSIBILITY ASSESSMENT BY A DYNAMIC LAND USE AND TRANSPORT INTEGRATED MODEL FOR MADRID*

**Karst Geurs** - University of Twente - Enschede - The Netherlands

**Bert van Wee** - Transportbeleid en Logistieke Organisatie - Delft - The Netherlands

**Caspar Chorus** - Transportbeleid en Logistieke Organisatie - Delft - The Netherlands

*ICT AND ACCESSIBILITY: RESEARCH SYNTHESIS AND FUTURE PERSPECTIVES*

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11.30 – 13.00

Room Tisa\_Sat\_12 May

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*Parallel Session F8*

**EMERGING CHALLENGES FOR REGIONAL DEVELOPMENT**

*Chair: Elzbieta Litwinska*

**Paola Bertolini** - University of Modena and Reggio Emilia - Modena - Italy  
**Enrico, Giovannetti** - University of Modena and Reggio Emilia - Modena - Italy  
**Francesco Pagliacci** - University of Bologna - Bologna - Italy  
*TERRITORIAL PATTERNS IN THE ACHIEVEMENTS OF THE LISBON STRATEGY*

**Alexie Ciprian** - Bucharest Academy of Economic Studies - Bucharest – Romania  
**Alupoai Iancu** - Bucharest Academy of Economic Studies - Bucharest – Romania  
*A PANEL ANALYSIS OF CONSUMPTION IN ROMANIAN REGIONS*

**Ignacio Tavares Araujo JR** - Federal University of Paraiba - UFPB - Joao Pessoa - Brazil  
**Alessio Tony Cavalcanti Almeida** - Federal University of Paraiba - UFPB - Joao Pessoa - Brazil  
**Hilton Martins de Brito Ramalho** - Federal University of Paraiba - UFPB - Joao Pessoa - Brazil  
*MUNICIPAL SPENDING AND STUDENTS' PERFORMANCE IN FUNDAMENTAL SCHOOL: EVIDENCES FROM BRAZIL*

**Elzbieta Litwinska** - Technical University of Wroclaw / Faculty of Architecture / Department of Spatial Planning - Wroclaw – Poland  
*CHANGES IN SPATIAL STRUCTURE OF LOWER SILESIA AS A RESULT OF POLISH SYSTEM TRANSFORMATION*

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**11.30 – 13.00**

**Room Mures A\_Sat\_12 May**

*Parallel Session L*

**LAND USE REAL ESTATE AND HOUSING MARKETS**

*Chair: Amnon Frenkel*

**Bénard Fiona** - Piment - University of La Reunion - Tampon - France  
*URBAN SPRAWL IN REUNION ISLAND*

**Andrew Narwold** - University of San Diego - San Diego - U.S.A.  
*SHORT SALES AND RESIDENTIAL REAL ESTATE PRICES*

**Alex Smith** - Universidad Sergio Arboleda - Bogotá - Colombia  
**Araque Solano** - Universidad Sergio Arboleda - Bogotá - Colombia  
*A LAND AND FINANCIAL MANAGEMENT MODEL OF URBAN RENEWAL PROJECTS*

**Amnon Frenkel** - Faculty of Architecture and Twon Planning, Technion - Haifa - ISRAEL  
**Edward Bendit** – Faculty of Architecture and Twon Planning, Technion - Haifa - ISRAEL  
**Sigal Kaplan** - Technical University of Denmark, Department of Transport – Lyngby - Denmark  
*THE JOINT CHOICE OF TENURE, DWELLING TYPE AND SIZE: THE EFFECT OF HOME-ORIENTED VERSUS CULTURE-ORIENTED LIFESTYLE*

**Michiel N. Daams** - Department of Spatial Sciences, University of Groningen - Groningen - The Netherlands

**Frans J. Sijtsma** - Department of Spatial Sciences, University of Groningen - Groningen - The Netherlands

*HOUSEHOLDS' WILLINGNESS TO PAY FOR ATTRACTIVE GREEN AREAS*

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**11.30 – 13.00**

**Room Mures B\_Sat\_12 May**

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*Parallel Session T1*

**SOCIAL SEGREGATION POVERTY AND SOCIAL POLICY**

*Chair: Esteban Fernandez-Vazquez*

**Lawrence Brown** - Ohio State University - Columbus, Ohio - U.S.A.

**Madhuri Sharma** - University of Tennessee - Knoxville, Tennessee - U.S.A.

*RACIAL/ETHNIC INTERMIXING AND ECONOMIC CONTEXT: COLUMBUS OHIO AND MILWAUKEE WISCONSIN*

**Esteban Fernandez-Vazquez** - University of Oviedo - Oviedo - Spain

**Elena Lasarte-Navamuel** - University of Oviedo - Oviedo - Spain

**Dusan Paredes-Araya** - University Catolica del norte - Antofagasta – Chile

*A SPATIAL COST OF LIVING INDEX FOR SPAIN USING A MICROECONOMIC APPROACH AND CENSORED DATA*

**Nicoleta Caragea** - Ecological University of Bucharest - Bucharest – Romania

*REGIONAL ANALYSIS OF OUT-OF-SCHOOL CHILDREN IN ROMANIA*

**Razvan-Dorin Burz** - West University of Timisoara, Romania, Faculty of Economics and Business Administration - Timisoara – Romania

*SOCIAL PROTECTION SYSTEM EVALUATION*

**Vasile Dogaru** - West University of Timisoara, Interdisciplinary Platform Nicholas Georgescu-Roegen - Timisoara – Romania

*MANOILESCU SCHEMA AND REGIONAL CONVERGENCE MEASUREMENT IN SPATIAL EUROPEAN PROJECTION*

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**11.30 – 13.00**

**Room Timis A\_Sat\_12 May**

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*Parallel Session Z*

**VISION AND MANAGEMENT OF SUSTAINABLE CITIES**



**Chair: Tuzin Baycan**

**Albrecht Kauffmann** - Institut für Wirtschaftsforschung Halle (IWH) - Halle (Saale) – Germany  
*DELINEATION OF GERMAN CITY REGIONS BASED ON COMMUTING  
INTERRELATIONS: ECONOMIC STRUCTURE AND SPECIALISATION OF CITIES IN  
THEIR FUNCTIONAL BORDERS*

**Tuzin Baycan** - Istanbul Technical University, Department of Urban and Regional Planning -  
Istanbul – Turkey  
*SLOW CITY MOVEMENT IN TURKEY: POLICIES AND PRACTICES TOWARDS AN  
ALTERNATIVE URBAN DEVELOPMENT*

**Katsuhiko Sakurai** - Rissho University - Shinagawa-ku, Tokyo - Japan  
*A SIMULATION ANALYSIS OF REGIONAL ENVIRONMENTAL ECONOMIC POLICIES FOR  
POLLUTION CONTROL OF THE BOHAI SEA BASIN*

**Jasna Petrić** - Institute of Architecture and Urban & Spatial Planning of Serbia - Belgrade – Serbia  
*URBAN RESILIENCE MEETING DEMOGRAPHIC SHRINKAGE IN TOWNS AND CITIES OF  
SERBIA*

**Sarolta Noémi Horváth** - University of Szeged Faculty of Economics and Business Administration  
- Szeged – Hungary  
*ECONOMIC DEVELOPMENT IMPACT OF SCIENCE PARKS IN CITY REGIONS*

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**11.30 – 13.00**

**Room Timis B\_Sat\_12 May**

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*Parallel Session W2*

**TOURISM, CULTURAL INDUSTRIES AND REGIONAL DEVELOPMENT**

**Chair: Velvet Nelson**

**Tomaso G Pompili** - University of Milan - Bicocca - Milan – Italy  
*NATURAL AND CULTURAL HERITAGE AS DETERMINANTS OF ECONOMIC  
DEVELOPMENT*

**Otilia Hedesan** - West University of Timisoara, Faculty of Letters, History and Theology -  
Timisoara - Romania

**Carmen Imbrescu** - West University of Timisoara, Faculty of Economics and Business  
Administration - Timisoara – Romania  
*THE REGIONAL ACCOUNTING OF CULTURAL HERITAGE*

**Velvet Nelson** - Sam Houston State University - Conroe - U.S.A.

*THE SOCIO-SPATIAL CONSTRUCTION OF SLOVENIA AS A EUROPEAN TOURISM DESTINATION*

**Kleoniki Gkioufi** - UTH/Urban Planning - Thessaloniki – Greece  
*THESSALONIKI BY NIGHT: THE IMAGE OF THE CITY AT NIGHT*

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**11.30 – 13.00**

**Room Bistra\_Sat\_12 May**

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*Parallel Session X2*

**URBAN GOVERNANCE AND CITIES REGENERATION**

*Chair: Anca Dodescu*

**Simona Biriescu** - West University of Timisoara, Faculty of Economics and Business Administration - Timisoara - Romania

**Carmen Babaita** - West University of Timisoara, Faculty of Economics and Business Administration - Timisoara – Romania

*DEVELOPMENT OF URBAN AND CLUSTER GOVERNANCE*

**Anca Dodescu** - University of Oradea, Faculty of Economic Sciences, Oradea, Romania  
*ROMANIAN REGIONAL DEVELOPMENT POLICY. LEARNING FROM THE CASE OF ITALY*

**Nicolae Bibu** – West University Timișoara, Faculty Economics and Business Administration

**Mircea Băcală** – West University Timișoara

*CONSIDERATIONS REGARDING THE APPLICATION OF MANAGEMENT TOOLS IN PUBLIC INSTITUTIONS - CAF (COMMON ASSESMENT FRAMEWORK) IN A ROMANIAN REGIONAL CONTEXT*

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**11.30 – 13.00**

**Room Bega B\_Sat\_12 May**

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*Parallel Session E*

**CROSS-BORDER COOPERATION AND DEVELOPMENT**

*Chair: Rosio Barajas*

**Rosio Barajas** - El Colegio de La Frontera Norte - Tijuana, Baja California - Mexico

**Carmen Rodriguez** - El Colegio de La Frontera Norte - Tijuana, Baja California – Mexico

*ECONOMIC DEVELOPMENT AND GOVERNANCE IN THE MEXICO AND THE UNITED STATES BORDER REGION: BETWEEN CONFLICT AND COOPERATION*

**Ana-Maria Popescu** - West University of Timisoara - Faculty of Economics and Business Administration - Finances - Timisoara - Romania

**Anne-Marie Monika Roth** - West University of Timisoara - Faculty of Economics and Business Administration - Finances - Timisoara – Romania

*THE ANALYSIS OF THE EU FINANCIAL ALLOCATIONS IN CROSS-BORDER COOPERATION PROGRAMMES*

**Jörg Freiling** - University of Bremen / LEMEX - Chair in Small Business & Entrepreneurship - Bremen - Germany

**Sven M. Laudien** - University of Bremen / LEMEX - Chair in Small Business & Entrepreneurship - Bremen – Germany

*ASSETS OF LIABILITIES OF FOREIGNNESS? ON THE ROLE OF TNCs IN INTERNATIONAL BUSINESS*

**Yasuhiro, Takarada** - Faculty of Policy Studies, Nanzan University - Seto - Japan

**Takeshi Ogawa** - Nagoya University - Nagoya - Japan

**Weijia Dong** - Nagoya University - Nagoya – Japan

*INTERNATIONAL TRADE AND MANAGEMENT OF SHARED RENEWABLE RESOURCE*

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**11.30 – 13.00**

**Room Curtea de arbitraj\_Sat\_12 May**

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*Parallel Session M*

## **LEARNING FROM FAILURES IN EUROPEAN REGIONAL POLICY**

*Chair: Tomaz Dentinho*

**Pavel Ciaian** - European Commission, DG Joint Research Centre - Sevilla - Spain

**Andries Brandsma** - European Commission, DG Joint Research Centre - Sevilla - Spain

**d Artis Kancs** - European Commission, DG Joint Research Centre - Sevilla – Spain

*THE ROLE OF ADDITIONALITY IN THE EU COHESION POLICIES: AN EXAMPLE OF FIRM-LEVEL INVESTMENT SUPPORT*

**Philipp Breidenbach** - RWI - Essen - Germany

**Timo Mitze** - RWI - Rddrn - Germany

**Christoph M. Schmidt** - RWI - Essen – Germany

*EVALUATING EU REGIONAL POLICY: MANY EMPIRICAL SPECIFICATIONS, ONE (UNPLEASANT) RESULT*

**Tomaz Dentinho** - University of Azores - Angra do Heroísmo – Portugal

*UNSUSTAINABLE EUROPE 2020*

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**11.30 – 13.00**

**Room Dunarea\_Sat\_12 May**

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*Special Session 5*

**SPATIAL MODELING AND LOCATION ANALYSIS**

**Organizer: Jean-Claude Thill**

**Chair: Yuri Mansury**

**Indro Ray** - Arizona State University - Tempe - U.S.A.

**Subhrajit Guhathakurta** - Georgia Institute of Technology, Professor, School of City & Regional Planning - Atlanta - U.S.A.

*EFFECTS OF HOUSING MARKET DYNAMICS AND SUBURBAN SPRAWL ON FORECLOSURE CRISIS IN U.S*

**Yuran Choi** - Graduate School of Systems and Information Engineering, University of Tsukuba - Tsukuba - Japan

**Tsutomu Suzuki** - Faculty of Engineering, Systems and Information, University of Tsukuba - Tsukuba – Japan

*EVALUATION OF THE PROBABILITY OF CLOSURE OF SUPERMARKETS IN DEMAND-DECREASING SOCIETY*

**Hind Aissaoui** - Laboratoire d'Economie des Transports, ENTPE- Université de Lyon - Lyon - France

**Patrick Bonnel** - Laboratoire d'Economie des Transports, ENTPE- Université de Lyon - Lyon – France

*RESIDENTIAL LOCATION CHOICE IN LYON URBAN AREA: INVESTIGATION OF THE FEASIBILITY OF APPLYING A NESTED LOGIT WITH SAMPLING OF ALTERNATIVES*

**Gunawan Wicaksono** - Cornell University - Ithaca - U.S.A.

**Yuri Mansury** - Cornell University - Ithaca - U.S.A

*AN AGENT BASED MODEL OF INEQUALITY AND GROWTH IN A SPATIAL ECONOMY*

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**11.30 – 13.00**

**Room Bega A\_Sat\_12 May**

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*Special Session 4*

**NECTAR II – Modelling Accessibility in Spatial-Economic Networks**

**Organizers: Ana Condeço-Melhorado, Aura Reggiani, Javier Gutiérrez**

**Nectar II E - Modelling Accessibility in Complex Networks II**

**Chair: Danny Czamanski**

**Laurie Schintler** - George Mason University - Arlington, Virginia - U.S.A.

**Rajendra Kulkarni** - George Mason University - Arlington, Virginia - U.S.A.

**Kingsley E. Haynes** - George Mason University, School of Public Policy - Arlington, VA 22201 - U.S.A.

*SENSING SOCIO-SPATIO-TEMPORAL ACCESSIBILITY AND RELATED ACTIVITY PATTERNS FROM LOCATION SHARING SERVICES DATA*

**Emmanouil Tranos** - Dept. of Spatial Economics, VU University - Amsterdam - The Netherlands

**Chris Jacobs-Chrisioni** - Dept. of Spatial Economics, VU University - Amsterdam - The Netherlands

**John Steenbruggen** - Dept. of Spatial Economics, VU University - Amsterdam - The Netherlands

**Peter Nijkamp** - Free University, Amsterdam - Amsterdam - The Netherlands

**Henk Scholten** - Dept. of Spatial Economics, VU University - Amsterdam - The Netherlands

*MOBILE PHONE USAGE AND LAND USE: A TEMPORAL PERSPECTIVE*

**Hiroyuki Shibusawa** - Toyohashi University of Technology, Department of Architecture and Civil Engineering - Toyohashi - Japan

**Nian Li** - Toyohashi University of Technology - Toyohashi - Japan

**Yoshiro Higano** - Graduate School of Life and Environmental Sciences - Tempaku - Japan

*SIMULATION MODELLING OF A SYSTEM OF CITIES IN PHYSICAL SPACE AND CYBERSPACE*

**Dani Broitman** - Technion Israel Institute of Technology - Jerusalem - Israel

**Danny Czamanski** - Technion Israel Institute of Technology - Jerusalem - Israel

**Yoram Shiftan** - Technion Israel Institute of Technology - Jerusalem - Israel

*ACCESSIBILITY DYNAMICS AND POLYCENTRIC URBAN EVOLUTION*

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**14.30 – 16.00**

**Room Tisa\_Sat\_12 May**

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*Parallel Session F9*

## **EMERGING CHALLENGES FOR REGIONAL DEVELOPMENT**

*Chair: Paul Collits*

**Noelio Dantaslé Spinola** - Universidade Salvador - Unifacs - Laureate Universities - Salvador – Brazil

*CHALLENGES TO THE DEVELOPMENT OF PERIPHERAL ECONOMIES*

**Nadezda Shcherbakova** - St.Petersburg Polytechnical University, Faculty of Economics and Management - St.Petersburg – Russia

*GLOBALIZATION OR AUTONOMY OF A BIG CITY: EVIDENCE FROM ST. PETERSBURG*

**Paul Collits** - University of Southern Queensland - Hervey Bay – Australia

*THE PATCHWORK ECONOMY, MOBILE RESOURCES AND REGIONAL DEVELOPMENT*

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14.30 – 16.00

Room Timis B\_Sat\_12 May

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*Parallel Session W3*

## **TOURISM, CULTURAL INDUSTRIES AND REGIONAL DEVELOPMENT**

*Chair: Dorel Ailenei*

**Olga Gladkaya** - The State Saint-Petersburg University of Economics and Finance, Faculty of Area Studies, Information Technologies, Tourism and Mathematical Methods in Economy

Specialty: Area Studies - Saint-Petersburg – Russia

*KAMCHATKA REGION OF RUSSIA: TOURISM CLUSTER DEVELOPMENT AS A TOOL TO IMPROVE REGIONAL COMPETITIVENESS*

**Raimundo Viejo Rubio** - Hospitality Management School of Galicia - Santiago de Compostela - Spain

**Melchor Fernández Fernández** - Galician Studies and Development Institute, University of Santiago de Compostela - Santiago de Compostela - Spain

**Andre Carrascal Incera** - Galician Studies and Development Institute, University of Santiago de Compostela - Santiago de Compostela - Spain

*HOSPITALITY IN NEW MEMBERS OF THE EUROPEAN UNION: AN INPUT-OUTPUT ANALYSIS*

**Mirela Mazilu** - University of Craiova-Faculty of Social Sciences, Department of Geography

*THE PHENOMENON OF URBAN REGENERATION AND ITS IMPLICATIONS IN ROMANIAN TOURISM*

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14.30 – 16.00

Room Bistra\_Sat\_12 May

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*Parallel Session F10*

## **EMERGING CHALLENGES FOR REGIONAL DEVELOPMENT**

*Chair: Schaffar Alexandra*

**Schaffar Alexandra** - LEAD - University of Toulon - Toulon - France

**Bénard Fiona** - PIMENT - University of La Reunion - Tampon - France

**Dimou Michel** - LEAD - University of Toulon - Toulon – France

*DOES URBAN DENSITY FOLLOW A RANK-SIZE RULE? SOME EVIDENCES FROM REUNION ISLAND*

**Bachrane Mostafa** - University of agdal - Casablanca - Marocco

**El alami Jamila** - University of Agdal - Rabat – Marocco

*STRATEGIC PLANNING AS ENGINEERING TOOL FOR THE TERRITORIAL INTELLIGENCE:  
TOWARD A CONCEPTUAL MODEL FOR THE LOCAL PLANS OF DEVELOPMENT IN  
MOROCCO*

**Sajal Lahiri** - Southern Illinois University - Carbondale - IL - U.S.A.

**Val Vlad** - Penn State - Erie - U.S.A.

*PEACE DIVIDENDS IN A TRADE-THEORETIC MODEL OF CONFLICT*

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**14.30 – 16.00**

**Room Dunarea\_Sat\_12 May**

*Special Session 5*

**SPATIAL MODELING AND LOCATION ANALYSIS**

*Organizer: Jean-Claude Thill*

*Chair: Joao de Abreu*

**Turgay Kerem Koramaz** - Istanbul Technical University - Faculty of Architecture - Department of Urban and Regional Planning - Istanbul - Turkey

**Vedia Dökmeci** - Istanbul Technical University - Faculty of Architecture - Department of Urban and Regional Planning - Istanbul – Turkey

*GEOGRAPHICALLY WEIGHTED REGRESSION FOR INTERNAL MIGRATION PATTERN IN  
TURKEY*

**Mihaela Muntean** - West University of Timisoara - Faculty of Economics and Business Administration - Department of Business Information Systems - Timisoara – Romania

*A GEOSPATIAL BUSINESS INTELLIGENCE APPROACH*

**Abidemi Aina** - Lagos State University, Ojo, Faculty of Social Sciences, Department of Geography & PLG - Lagos – Nigeria

*LOCATIONAL TRENDS AND PATTERNS OF RETAIL BANKING ON URBAN CRIME: CASE  
STUDY OF IKEJA LGA, LAGOS STATE*

**Joao de Abreu** - Pontifical Catholic University of Minas Gerais - Belo Horizonte - Brazil

*VON THUNEN : AN INTERACTIVE COMPUTER PROGRAM FOR TEACHING ECONOMIC  
GEOGRAPHY*

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**NECTAR II – MODELLING ACCESSIBILITY IN SPATIAL-ECONOMIC NETWORKS**

*Organizers: Ana Condeço-Melhorado, Aura Reggiani, Javier Gutiérrez*

**Nectar II F - Modelling Accessibility in Social and Spatial Networks**

*Chair: John Östh*

**Hector Martínez Sanchez-Mateos** - University of Castilla-La Mancha - Ciudad Real - Spain

*SHAPING THE ACCESSIBILITY. THE VALUE OF THE UNIT IN MODELLING AND ACCESSIBILITY VISUALIZATION*

**Vitor Ribeiro** - Geography Department, Minho University - Braga - Portugal

**Paula Remoaldo** - Geography Department, Minho University - Braga - Portugal

**Javier Gutiérrez** - University Complutense of Madrid / Human Geography Department - Madrid - Spain

*MAPPING TRANSPORT DISADVANTAGES OF ELDERLY PEOPLE IN RELATION TO THE HEALTH SERVICES: CONTRIBUTION OF GEOGRAPHIC INFORMATION SYSTEMS*

**Yves Crozet** - Transports Economic Laboratory - University of Lyon - Lyon - France

**Aurélie Mercier** - Transports Economic Laboratory - University of Lyon - Lyon - France

**Nicolas Ovtracht** - Transports Economic Laboratory - University of Lyon - Lyon - France

*MODELLING TRAVEL COST SENSITIVITY TO IMPROVE INTEGRATION OF SOCIO-ECONOMIC DISPARITIES IN ACCESSIBILITY MEASUREMENT*

**John Östh** - Department of Social and Economic Geography, Uppsala University - Sweden

**Bo Malmberg** - Department of Human Geography, Stockholm University - Stockholm - Sweden

**Eva Andersson** - Department of Human Geography, Stockholm University - Stockholm - Sweden

*ANALYSING SEGREGATION USING INDIVIDUALIZED NEIGHBOURHOODS*