



# Congress Program





*Plenary Session 1: Opening Ceremony*

**THE GREAT RESET**

***Richard Florida***



**31/08/2011**

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11:00 - 12:45

Aula Magna\_Wed\_1

*Plenary Session 2*

**LEARNING BY WORKING IN DENSE CITIES**

**Diego Puga**, *Jorge De la Roca*

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11:00 - 12:45

Aula Magna\_Wed\_2

*High Level Session: The Big Thinkers & The Big Five in one day*

**HIGH LEVEL SESSION: THE BIG THINKERS & THE BIG FIVE IN ONE DAY**

*Chair: Mark Partridge, Rapporteur: Andrea Caragliu*

**Michael Ralph** (Advisor to Directorate General for Regional Policy, European Commission)

*OPENING ADDRESS* 1906

**Philip McCann**

*URBAN CHALLENGES AND VISION: AN URBAN EMPHASIS?: WHY, WHEN AND HOW* 1899

**Yoshiro Higano**

*URBAN JAPAN: A PARABLE ABOUT THE NEW URBAN WORLD IN THE FUTURE* 1907

**T.R. Lakshmanan, Lata Chatterjee**

*URBAN INDIA: EMERGING INSTITUTIONAL INNOVATIONS FOR THE CREATIVE, INCLUSIVE AND SUSTAINABLE URBAN FUTURES* 1908

**Henry Overman**

*URBAN DEVELOPMENT AND CITIES DIVIDED: CITIES DIVIDED: POOR PEOPLE IN RICH CITIES* 1909

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11:00 - 12:45

Sala d'Actes\_Wed\_2

*Special Session*

**ZZR. SS- PUTTING SOCIAL SCIENCE INTO W**

*Chair: Juan Duque*

**Antonio Paez**, Nicolás M. Céspedes, Juan A. Carrasco

*PUTTING SOME SOCIOLOGY IN W* 1863

**Emmanouil Tranos**, Peter Nijkamp

*COMPLEX NETWORK ANALYSIS AS A BRIDGE BETWEEN COMPLEXITY AND REGIONAL SCIENCE* 1409

**Juan Duque**, Mark V. Janikas, Lauren Rosenshein, Lauren Scott

*NEW TOOLS TO CREATE A W MATRIX THAT REPRESENTS THE SOCIOECONOMIC REALITY OF THE STUDY DATA* 1881

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11:00 - 12:45

Room 3\_Wed\_2

*Special Session***ZZD. SS- REGIONAL DEVELOPMENT, STRUCTURAL CHANGES AND SERVICES***Chair: Juan R. Cuadrado-Roura*

- Raffaele Paci**, Emanuela Marrocu, Stefano Usai  
*PRODUCTIVITY GROWTH IN THE OLD AND NEW EUROPE: THE ROLE OF AGGLOMERATION EXTERNALITIES* 200
- Simon Sosvilla-Rivero**  
*PRODUCTIVITY IN THE SPANISH REGIONS DURING THE RECENT ECONOMIC CYCLES* 57
- Blanca De Miguel Molina, **José Luis Hervás-Oliver**, Rafael Boix Domenech, María De Miguel Molina  
*THE IMPORTANCE OF CREATIVE INDUSTRY AGGLOMERATIONS IN EXPLAINING THE WEALTH OF EUROPEAN REGIONS* 472
- Frank Neffke**, Martin Henning  
*SEEDS OF REGIONAL STRUCTURAL CHANGE. THE ROLE OF ENTREPRENEURS AND EXPANDING FIRMS IN SHAPING LOCAL PATH DEPENDENCIES* 1075
- Juan R. Cuadrado-Roura**, Andres Maroto-Sanchez  
*REGIONAL CONVERGENCE AND STRUCTURAL CHANGE IN EUROPE* 945

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11:00 - 12:45

Room 4\_Wed\_2

*Special Session***ZZB. SS- INDUSTRIAL DISTRICTS AND CLUSTERS FACING GLOBALISATION***Chair: Fabio Sforzi*

- Francisco Puig**, Belen Garcia-Mora, Cristina Santamaria  
*SURVIVAL OF THE FIRM AND TERRITORY* 197
- Manuel Lopez-Estornell**, Ignacio Fernández de Lucio  
*KNOWLEDGE AND PERFORMANCE IN INNOVATIVE FIRMS: AN ANALYSIS OF DISTRICT AND INTER-DISTRICT EFFECTS* 361
- Maria J. Ruiz-Fuensanta**, Vicent Soler  
*FURTHER INSIGHTS INTO THE INFLUENCE OF AGGLOMERATION ECONOMIES ON THE DEVELOPMENT OF LOCAL LABOR MARKETS* 264
- Fabio Sforzi, **Silvia Lombardi**, Flavio Verrecchia  
*CHINESE ENTREPRENEURSHIP IN CONTEXT: SPECIALIZATION, LOCALIZATION AND THEIR IMPACT ON ITALIAN INDUSTRIAL DISTRICTS* 626

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11:00 - 12:45

Room 5\_Wed\_2

*Special Session*

**ZL. SS- AIR TRANSPORT AND LOCAL DEVELOPMENT**

*Chair: Jorge Silva*

- Frederico Morgado, Sai Suresh Nagaralu, **Rosário Macário**, Richard De Neufville  
*VALUE OF OPTIONS IN AIRPORT EXPANSION - EXAMPLE OF AICM* 150
- Renato Redondi, **Mariasole Bannò**, Marco Mutinelli  
*AIR CONNECTIVITY AND FOREIGN DIRECT INVESTMENTS. THE ECONOMIC EFFECTS OF THE INTRODUCTION OF NEW ROUTES* 249
- Marcella Drummond**, Felix Mora-Camino, Luis Gustavo Cruz, Amaranto Pereira  
*A BI-LEVEL SCHEME FOR ASSESSING THE IMPACT OF AIR TRANSPORTATION ON LOCAL DEVELOPMENT* 891
- Claudia Almeida**  
*LOW COST AIRLINES, AIRPORT AND TOURISM. THE CASE OF FARO AIRPORT* 957
- Tamás Dusek, **Miklós Lukovics**, Patrick Bohl  
*THE ECONOMIC IMPACT OF THE BUDAPEST AIRPORT ON THE LOCAL ECONOMY* 1228

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11:00 - 12:45

Room 6\_Wed\_2

*Special Session*

**ZZO. SS- SUSTAINCITY CONFERENCE ON LAND-USE AND TRANSPORT**

*Chair: Balz R. Bodenmann*

- Ricardo Hurtubia**, Bilal Farooq, Michel Bierlaire  
*SIMULTANEOUS MODELING APPROACH FOR LOCATION CHOICE AND REAL ESTATE PRICES IN A MICROSIMULATION CONTEXT* 856
- Liming Wang**, Paul Waddell  
*A PARCEL LEVEL REAL ESTATE DEVELOPMENT MODEL INCORPORATING LATENT INFORMATION* 1003
- S Van Der Loo, **Stef Proost**, André de Palma  
*A SMALL MODEL OF EQUILIBRIUM MECHANISMS IN A CITY* 608

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11:00 - 12:45

Room 7\_Wed\_2

*Special Session*

**ZZT. SS- TRANSPORTATION IN CITIES: HISTORICAL PERSPECTIVES**

*Chair: Volker Nitsch*

- Arne Feddersen, Gabriel Ahlfeldt**  
*FROM PERIPHERY TO CORE: ECONOMIC ADJUSTMENTS TO HIGH SPEED RAIL* 545
- Sevrin Waights**  
*THE BREAKDOWN OF THE MONOCENTRIC ECONOMY:  
EVIDENCE FROM BERLIN 1881-1936* 1424
- Nicolai Wendland**  
*HOW POLYCENTRIC IS A MONOCENTRIC CITY? THE ROLE OF AGGLOMERATION  
ECONOMIES* 218
- Kristoffer Möller**  
*CONTROLLING CONCENTRATION IN CITY CENTRES* 1425

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11:00 - 12:45

Room 8a\_Wed\_2

*R Session*

**A. REGIONAL ECONOMIC GROWTH AND DEVELOPMENT**

*Chair: Laura Resmini*

- Maria Vera-Cabello, Marcos Sanso-Navarro, Fernando Sanz**  
*THE IMPACT OF THE AMERICAN CIVIL WAR ON CITY GROWTH* 1514
- Florian Noseleit**  
*ENTREPRENEURSHIP, STRUCTURAL CHANGE, AND ECONOMIC GROWTH* 427
- Raul Silveira Neto, Carlos Azzoni**  
*MEASURING THE CONTRIBUTION OF SOCIAL POLICIES TO REGIONAL INEQUALITY  
DYNAMIC IN BRAZIL* 659
- Laura Resmini, Laura Casi**  
*FDI AND GROWTH: A REGIONAL EUROPEAN PERSPECTIVE* 152

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11:00 - 12:45

Room 8b\_Wed\_2

*R Session*

## **D. AGGLOMERATION, CLUSTERS AND POLICY**

*Chair: Dirk Fornahl*

**Ryusuke Ihara**

*AGGLOMERATION WITH THE PROS AND CONS OF LABOR HETEROGENEITY* 528

**Domingo Pérez Ximénez-De-Embún, Marcos Sanso**

*URBAN AGGLOMERATION AND THE AGGREGATE ECONOMIC GROWTH* 884

**Dan Zheng**

*THE DYNAMICS OF ECONOMIC POLICY AND REGIONAL SPECIALIZATION:  
EVIDENCE FROM CHINA HIGH-TECH INDUSTRY* 1086

**Dirk Fornahl, Robert Hassink, Claudia Klaerding, Ivo Mossig, Heike Schröder**

*FROM THE OLD PATH OF SHIPBUILDING ONTO THE NEW PATH OF OFFSHORE  
WIND ENERGY? THE CASE OF NORTHERN GERMANY* 558

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11:00 - 12:45

Room 9a\_Wed\_2

*R Session*

## **B. RURAL AND LOCAL DEVELOPMENT**

*Chair: Lamara Hadjou*

**Eleonora Lorenzini**

*TERRITORY BRANDING AS A STRATEGY FOR RURAL DEVELOPMENT:  
EXPERIENCES FROM ITALY* 952

**Aggeliki Demertzi, Belegri-Roboli Athena, Markaki Maria, Michaelides Panayotis**

*LABOUR GAP, OUTPUT GAP AND INFLATION BY ECONOMIC SECTOR:  
THE CASE OF GREECE AND THE PELOPONNESE REGION (2000-2007)* 1552

**Lamara Hadjou, Marie Noelle Duquenne**

*SOCIO-ECONOMIC DYNAMICS OF COMMUNITY OF MUNICIPALITIES CROSSED  
BY THE HIGHWAY A75 IN FRANCE* 731

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11:00 - 12:45

Room 9b\_Wed\_2

*R Session*

**B. RURAL AND LOCAL DEVELOPMENT**

*Chair: Dan Rickman*

**Peter Stenberg**

*INVESTMENT IN RURAL BROADBAND TECHNOLOGIES* 1028

**Francisco Diniz, Nelson Duarte**

*MANAGERS AND MANAGEMENT ON INDUSTRY AND CONSTRUCTION  
BUSINESSES IN THE REGION OF VALE DO SOUSA* 161

**Dan Rickman, Belal Fallah, Mark Partridge**

*GEOGRAPHIC DETERMINANTS OF HI-TECH EMPLOYMENT GROWTH IN U.S. COUNTIES* 518

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11:00 - 12:45

Room 10\_Wed\_2

*Special Session*

**ZZV. SS- 1ST EUROPEAN MEETING OF THE UEA**

*Chair: Steven Brakman*

**Dennis Novy**

*INTERNATIONAL TRADE WITHOUT CES: ESTIMATING TRANSLOG GRAVITY* 614

**Antonio Accetturo, Matteo Bugamelli, Andrea Lamorgese**

*SKILL UPGRADING AND EXPORT IN ITALIAN MANUFACTURING* 611

**Jens Suedekum, Kristian Behrens, Giordano Mion, Yasusada Murata**

*SPATIAL FRICTIONS* 572

**Steven Brakman**

*THE POSITIVE BORDER EFFECT OF EU INTEGRATION* 1828

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*Special Session***ZZV. SS- 1ST EUROPEAN MEETING OF THE UEA***Chair: Wouter Vermeulen*

- Carl Gagné, Stéphane Riou, Jacques Thisse**  
*ARE COMPACT CITIES ENVIRONMENTALLY FRIENDLY?* 650
- Hans Koster, Jos van Ommeren, Piet Rietveld**  
*BOMBS, BOUNDARIES AND BUILDINGS: A REGRESSION-DISCONTINUITY  
APPROACH TO MEASURE THE COSTS OF HOUSING SUPPLY RESTRICTIONS* 576
- Yuming Fu, Siqi Zheng, Hongyu Liu**  
*EXAMINING CROSS-CITY VARIATION IN HOUSING SUPPLY ELASTICITY  
IN A SPATIAL EQUILIBRIUM MODEL: EVIDENCE FROM CHINESE CITIES* 592
- Coen Teulings, Wouter Vermeulen**  
*LAND OWNERSHIP, DEVELOPMENT RIGHTS AND INVESTMENT IN A STOCHASTIC CITY* 615

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*R Session***W. URBAN GOVERNANCE AND CITIES REGENERATION***Chair: Giuseppe Mazzeo*

- Roberto Cervelló Royo, Ruben Garrido-Yserte, Baldomero Segura García del Río**  
*A STATE INTERVENTION MODEL IN URBAN REGENERATION:  
DEVELOPMENT AND INTERNAL COHESION* 213
- Rosa Grazia De Paoli**  
*URBAN HERITAGE AND METHODOLOGIES OF RENEWAL* 1822
- Goretti Nunes, Isabel Mota, Pedro Campos**  
*FUNCTIONAL POLYCENTRISM IN PORTUGAL: AN EVALUATION* 1479
- Giuseppe Mazzeo**  
*IMPACT OF THE HIGH SPEED TRAINS ON THE EUROPEAN CITIES HIERARCHY* 485

11:00 - 12:45

Room 102\_Wed\_2

*Special Session*

**ZE. SS- TERRITORIAL GOVERNANCE**

*Chair: André Torr  JB Traversac*

Karine Daniel, Nejla BEN ARFA, **Sylvain Amisse**, Fanny FONTAINE

*AGRI-FOOD CLUSTERS: DOES FRENCH POLICY MATCH WITH REAL SPATIAL DYNAMICS?*

1848

**Ion Lucian Ceapraz**

*BUILDING SOCIAL CAPITAL IN FRENCH , 'POLES D'EXCELLENCE RURALE', AS A MODUS VIVENDI FOR RURAL DEVELOPMENT*

302

**Sylvain Amisse, Paul Muller**, Caroline Hussler, Patrick Rond 

*DO BIRDS OF A FEATHER FLOCK TOGETHER? PROXIMITIES AND INTER-CLUSTERS NETWORK*

1896

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11:00 - 12:45

Room 103\_Wed\_2

*R Session*

**T. LAND USE REAL ESTATE AND HOUSING MARKETS**

*Chair: John Gilderbloom*

**Ruben Hernandez**, Michael Owyang, Andra Ghent

*RACE AND SUBPRIME LOAN PRICING*

923

**Christian Dreger**, Yanqun Zhang

*IS THERE A BUBBLE IN THE CHINESE HOUSING MARKET?*

261

**John Gilderbloom**, Katrina Anaker, Gregory Squires, Matt Hanka, Joshua Ambrosius

*WHY FORECLOSURE RATES IN AFRICAN AMERICAN NEIGHBORHOODS ARE SO HIGH: LOOKING AT THE REAL REASONS*

1597

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**ZU. SS- THE WEB OF HOUSING SUPPLY: MARKETS, FINANCE, DEVELOPMENT AND INFRASTRUCTURES***Chair: Kenneth Gibb***Yuri Yegorov***MIGRATION AS DRIVING FORCE FOR THE DYNAMICS OF HOUSING RENT* 49**Kenneth Gibb, Cecilia Wong, Stanley McGreal***FRAGILE RECOVERY: A HOUSING AND NEIGHBOURHOOD ANALYSIS OF POLICY AND PROCESSES ACROSS THE UK* 549**Michael Ball, Anupam Nanda***DOES REGIONAL INFRASTRUCTURE INVESTMENT STIMULATE EXTRA HOUSING AND COMMERCIAL BUILDING SUPPLY? LONG-RUN EVIDENCE FOR THE UK* 1876

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**E. REGIONAL POLICY IN EUROPE***Chair: Marcos Fernandez Gutierrez***Berezi Elorrieta***THE ROLE OF TERRITORIAL COHESION AS THE BASIS OF EUROPEAN SPATIAL PLANNING* 1208**ELISAVET THOUDOU***COHESION POLICY IN TRANSITION: FROM THE SPATIAL PLANNING TO THE TERRITORIAL COMPETITIVENESS APPROACH* 1800**Gonçalo Santinha, Eduardo Castro, Teresa Marques***DISCUSSING THE ADDED VALUE OF TERRITORIAL COHESION TO DEAL WITH THE EFFICIENCY/ EQUITY TRADE-OFF IN THE PROVISION OF SERVICES OF GENERAL INTEREST* 1387**Yiannis Saratsis, Angelos Kotios***EUROPE 2020 STRATEGY, COHESION POLICY AND GREEK REGIONS: ARE WE SMART ENOUGH?* 928**Judith Clifton, Daniel Díaz-Fuentes, Marcos Fernández Gutiérrez, Julio Revuelta***THE NEW REGULATION OF PUBLIC INFRASTRUCTURE SERVICES IN THE EUROPEAN UNION. CHALLENGES FOR TERRITORIAL COHESION* 1416

11:00 - 12:45

Room 110\_Wed\_2

*Special Session***ZZA. SS- TERRITORIAL COHESION IN THE CONTEXT OF NEW EU MEMBER STATES - POLICY IMPACT ASSESSMENT***Chair: Stanislaw Walukiewicz*

- Lukasz Olipra, Ewa Pancer-Cybulska, Ewa Szostak**  
*THE IMPACT OF THE MIGRATION PROCESSES ON THE LOW COST AIRLINES' ROUTES BETWEEN EU COUNTRIES AND POLAND AFTER ITS ACCESSION TO THE EU, AND ON THE TERRITORIAL COHESION OF POLISH REGIONS.* 1774
- Katarzyna Kopczewska**  
*ROADS AS CHANNEL OF CENTRIFUGAL POLICY TRANSFER. SPATIAL INTERACTIONS MODEL REVISED* 720
- Dorota Sikora-Fernandez**  
*AD VALOREM TAX AS AN INSTRUMENT FOR MANAGING CITIES DEVELOPMENT* 1461
- Stanislaw Walukiewicz**  
*MATHEMATICS OF HERE-AND-NOW RELATIONS* 863

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11:00 - 12:45

Room 111\_Wed\_2

*O Session***F. PUBLIC FINANCE AND REGIONAL DEVELOPMENT***Chair: Joshua Gottlieb*

- Tomoyasu Tanaka, Takao Goto**  
*THE IMPACT OF GOVERNANCE STRUCTURE ON FIRM PERFORMANCE: EVIDENCE FROM JAPANESE LOCAL MIXED ENTERPRISES* 539
- Egle Tafenau**  
*THE EFFECT OF TAXES AND SUBSIDIES ON THE SPATIAL DISTRIBUTION OF ECONOMIC ACTIVITY AND WELFARE IN THE FOOTLOOSE CAPITAL MODEL* 1480
- Dirk Foremny, Nadine Riedel**  
*LOCAL BUSINESS TAXES AND THE ELECTORAL CYCLE* 753
- Michiel Gerritse**  
*CITY STRUCTURE AND POLICY COMPETITION* 1383
- Federico Biagi, Massimo Loi**  
*DO INNOVATION INCENTIVES WORK? EVIDENCE FROM THE ITALIAN MANUFACTURING SECTOR* 681
- Joshua Gottlieb, Jeffrey Clemens**  
*HOW DOES MEDICAL PRACTICE RESPOND TO PRICES? EVIDENCE FROM SHOCKS TO MEDICARE REIMBURSEMENT RATES* 664

**ZX. SS- REGIONAL SCIENCE AND DEVELOPMENT IN AFRICA***Chair: Tomaz Dentinho***Danie Du Plessis***EVALUATING THE IMPACT OF URBAN MANAGEMENT INSTRUMENTS  
IN SOUTH AFRICA: AN APPLICATION OF STATISTICAL URBAN FORM INDICATORS* 1245**Maria Pepeka***THE EVALUATION OF FOOD QUALITY OF CORN CULTIVARS USED IN HUAMBO* 1197**César Pakissi***CONTRIBUTION FOR ENERGY AND ENVIRONMENTAL MAINTENANCE IN HUAMBO CITY* 1793**Tomaz Dentinho, Paulo Oliveira***PARTICIPATIVE PLANNING IN AFRICA. FIRTS STEPS IN THE DIRECTOR PLANO  
OF HUAMBO* 1696

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**Q. SPATIAL ECONOMETRICS***Chair: Laura De Dominicis***Katja Neugebauer***BANKS IN SPACE: DOES DISTANCE REALLY AFFECT CROSS-BORDER BANKING?* 1227**Cristina Brasili, Francesca Bruno, Annachiara Saguatti***A SPATIAL APPROACH TO EU REGIONAL ECONOMIC CONVERGENCE:  
A COMPARISON BETWEEN PARAMETRIC AND NON-PARAMETRIC ANALYSIS.* 1271**Fernando Escobedo-Cardenoso, Jan Oosterhaven***HYBRID INTERREGIONAL INPUT-OUTPUT CONSTRUCTION METHODS:  
APPLIED TO THE SEVEN REGION SPANISH INPUT-OUTPUT TABLE* 1794**Giuseppe Arbia, Laura de Dominicis, Gianfranco Piras***REGIONAL GROWTH AND REGIONAL INEQUALITY IN EU AND TRANSITION  
COUNTRIES: A SPATIAL ECONOMETRIC APPROACH.* 662

11:00 - 12:45

Room 114\_Wed\_2

*O Session***C. SOCIAL CAPITAL AND REGIONAL DEVELOPMENT***Chair: Uwe Blien***Agata Pradela***MODEL OF CLUSTER INITIATIVE IN EDUCATIONAL SYSTEM , RESEARCH  
ON EDUCATION IN CONJUNCTION WITH LABOUR MARKET*

277

**Adriana Grigorescu***REGIONAL ANALYSES OF THE EDUCATION SYSTEM IN ROMANIA*

872

**Sammara Soares, Tatiane Menezes***EDUCATIONAL QUALITY AND REGIONAL DISPARITY: ONE APPLICATION  
OF HIERARCHICAL MODEL TO BRAZILIAN DATASET*

1707

**Dorin Jula, Nicolae-Marius Jula***ANALYSIS OF MUNICIPAL ELECTION OUTCOMES IN ROMANIA*

1256

**Uwe Blien***THE INTERACTION BETWEEN CULTURE AND ECONOMY IN VIETNAM*

342

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11:00 - 12:45

Room 115\_Wed\_2

*O Session***V. TOURISM, CULTURAL INDUSTRIES AND REGIONAL DEVELOPMENT***Chair: Christina Vlachopoulou***Chengche Chen, Hsienhsin Cheng***CULTURE-LED URBAN REGENERATION- AN EXAMPLE FROM ZONG-YE HISTORICAL  
DISTRICT IN TAINAN*

1260

**Lusso Bruno***CREATIVITY IN THE LILLE METROPOLITAN AREA : THE EXAMPLE OF THE IMAGE  
SECTOR*

1000

**Rüdiger Hamm***CREATIVE CLASS AS A DETERMINANT OF ECONOMIC DEVELOPMENT - EMPIRICAL  
CONSIDERATIONS FOR NORTHRHINE-WESTPHALIAN REGIONS BASED ON TIME-SERIES  
ANALYSIS*

828

**Maria Carranca, José Narciso***THE ROLE OF CULTURE ON INNOVATION IN URBAN DEVELOPMENT  
POLICIES - A REVIEW OF EUROPEAN CAPITALS OF CULTURE AND FUTURE  
PROSPECTS FOR GUIMARÃES.*

1777

**Christina Vlachopoulou, Alex Deffner***CREATIVE CITY: A NEW CHALLENGE OF STRATEGIC URBAN PLANNING?*

1584

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11:00 - 12:45

Room 116\_Wed\_2

*R Session*

## **N. ENTREPRENEURSHIP, NETWORKS AND INNOVATION**

*Chair: Robert Gold*

**Cilem Selin Hazir**

*CONCEPTUALIZING THE ROLE OF GEOGRAPHICAL PROXIMITY IN PROJECT BASED  
R&D NETWORKS: A LITERATURE SURVEY*

1616

**Michael Wyrwich**

*KNOWLEDGE INTENSIVE ENTREPRENEURSHIP ACROSS REGIONS: MAKES BEING  
A NEW INDUSTRY A DIFFERENCE?*

1711

**Robert Gold, Oliver Falck, Stephan Heblich**

*THE LONG WIND OF CHANGE. EDUCATIONAL IMPACTS ON ENTREPRENEURIAL  
INTENTIONS*

999

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11:00 - 12:45

Room 117\_Wed\_2

*R Session*

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

*Chair: Sylvie Occelli*

**Johannes Rode, Alexander Weber**

*KNOWLEDGE DOES NOT FALL FAR FROM THE TREE - A CASE STUDY  
ON THE DIFFUSION OF SOLAR CELLS IN GERMANY*

497

**Giulia Felice**

*BUYER-SUPPLIER RELATIONSHIPS, EXPORTING AND INNOVATION.*

949

**Maurizio Turina, Giuseppe Confessore, Sandro Turina, Andrea Vignoli**

*DEFINITION AND ANALYSIS OF THE RULES AND PROCEDURES  
FOR THE CONSTRUCTION OF A NATIONAL MODEL FOR SUSTAINABLE  
DEVELOPMENT, WITH INDICATORS OF ATTRACTION OF THE AREA*

1307

**Sylvie Occelli, Alessandro Sciuolo**

*REVISITING THE RELATIONSHIPS BETWEEN BROADBAND DIFFUSION  
AND REGIONAL SYSTEM DEVELOPMENT: A PRIMER*

702

*O Session***O. INNOVATION, KNOWLEDGE, ECONOMY AND REGIONAL DEVELOPMENT***Chair: Donata Favaro***Irene Bernhard***INCENTIVES FOR MUNICIPAL PLANNING TOWARDS CITIZEN-CENTRIC PUBLIC E-GOVERNMENT - SWEDISH EMPIRICS*

527

**Isabel Raposo, Tatiane Menezes***PUBLIC SCHOOL EFFICIENCY USING DATA ENVELOPMENT ANALYSIS: AN EMPIRICAL APPLICATION FOR BRAZIL*

1594

**Magdalena Nowak***INSTRUMENTS OF LOCAL AND REGIONAL AUTHORITIES TO SUPPORT INNOVATION PROCESSES*

266

**Stella Kostopoulou, Stylianos Alexiadis***INNOVATION ADAPTIVE CAPACITY AND LAGGING REGIONS: A CASE FOR "SELECTIVE" REGIONAL POLICY*

640

**Sergio Afcha, Jose Garcia-Quevedo***R&D SUBSIDIES AND EMPLOYMENT: THE IMPACT OF PUBLIC FUNDS IN A MULTI-GOVERNMENT CONTEXT*

1195

**Donata Favaro, Eniel Ninka, Margherita Turvani***HUMAN CAPITAL AND PATENTING ACTIVITY: PRODUCTIVITY LAGS AND THE ROLE OF LABOUR MOBILITY*

679

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*Special Session***ZZM. SS- SPIN-OFFS AND THE DIFFUSION OF INNOVATION AND ROUTINES: A MICRO PERSPECTIVE***Chair: Veronique Schutjens***Ilaria Mariotti, Elisa Salvador***THE LOCATION OF ITALIAN RESEARCH SPIN-OFFS: WHICH FACTORS DO REALLY MATTER?*

154

**Sierdjan Koster, Martin Andersson***EXPLAINING SPIN-OFF SUCCESS: DOES THE OCCUPATIONAL BACKGROUND PLAY A ROLE?*

1012

**Peter Vaessen, Jan Heijink, Hein Van der Pasch***UNIVERSITY SPIN-OFFS AND KNOWLEDGE DIFFUSION*

1104

**Veronique Schutjens, Florian Langstraat, Sierdjan Koster, Peter Vaessen***REPEATING ROUTINES? HOW TRANSFER AND INHERITANCE TO CORPORATE SPIN-OFFS VARIES AMONG GESTATION CONTEXTS*

1476

*Special Session***ZZU. SS- KNOWLEDGE COMMERCIALIZATION AND VALORIZATION IN REGIONAL ECONOMIC DEVELOPMENT: NEW APPROACHES AND CONCEPTS***Chair: Tuzin Baycan*

- Harvey Goldstein, Edward Bergman, Gunther Maier**  
*COMPARING U.S. AND EUROPEAN VIEWS OF UNIVERSITY INVOLVEMENT IN ECONOMIC DEVELOPMENT* 301
- TUZIN BAYCAN, ROGER R. STOUGH**  
*PROOF OF CONCEPT CENTERS AND INNOVATIVE LOCAL AND REGIONAL DEVELOPMENT* 145
- Edward Bergman**  
*HIRSCHMANN MOBILITY AMONG ACADEMICS OF HIGHLY RANKED EU RESEARCH UNIVERSITIES* 1134
- Kai Rao**  
*GOVERNMENT ROLE IN PATENTING-LICENSING ACTIVITIES OF RESEARCH-ORIENTED UNIVERSITIES IN CHINA* 1745

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*O Session***L. SUSTAINABILITY ISSUES***Chair: Carlos Bacha*

- Fadim Yavuz, Tuzin Baycan**  
*STAKEHOLDER-BASED DECISION MAKING IN INTEGRATED WATERSHED MANAGEMENT* 105
- Nan Xiang, Feng XU, Shanshan WANG, Yang Li, Takeshi MIZUNOYA, Yabar HELMUT**  
*THE COMPREHENSIVE EVALUATION OF RECLAIMED WATER EFFECTIVELY UTILIZATION POLICY IN TIANJIN, CHINA* 544
- Ertan Mert, Zeynep Gamze Mert**  
*QUARRYING AND SUSTAINABILITY DURING URBANAZION: GEBZE DISTRICT CASE* 179
- Elisabetta Troglio, Tigran Haas, Matteo Doni**  
*URBAN TYPOLOGIES AND HEAT ENERGY DEMAND. A CASE-STUDY IN THE ITALIAN CONTEXT.* 1362
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*ESTIMATION OF THE COSTS AND BENEFITS OF WATER QUALITY IMPROVEMENTS WITH SHADOW PRICES OF A REGIONAL WATER ECONOMIC MODEL* 981
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*THE USE OF FOREST RESOURCES VERSUS ECONOMIC GROWTH IN BRAZIL: IS POSSIBLE TO REACH A BALANCE?* 1018

*Special Session*

**ZS. SS- MAIN PATTERNS AND ECONOMIC IMPLICATIONS OF  
MIGRATORY FLOWS: A REGIONAL PERSPECTIVE**

*Chair: José Villaverde*

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*LOCATION CHOICE OF IMMIGRANTS IN BELGIUM 1990-2007*

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*REGIONAL INTERNATIONAL MIGRATION DISTRIBUTION IN SPAIN:  
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**K. SPATIAL ISSUES OF THE LABOUR MARKET**

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14:00 - 15:45

Aula Magna\_Wed\_3

*High Level Session: The Big Thinkers & The Big Five in one day*

**THE NEW URBAN WORLD. 'A STRING OF BIG APPLES'**

Chair: Karima Kourtit, Rapporteur: Ana Maria Fuertes

**Andrés Rodríguez-Pose**

*URBAN SPIKY WORLD: BETWEEN BUZZ AND ARCHIPELAGO ECONOMIES* 1329

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*URBAN MIDDLE EAST: SPATIAL INEQUALITY BETWEEN AND WITHIN URBAN AREAS* 1275

**Hermanus Geyer**

*URBAN AFRICA: CHALLENGES OF THE COSMOPOLIS WILL FACE IN THE FUTURE:  
A VIEW FROM ABOVE AND BELOW - HIGH AND LOW ROAD OPTIONS* 1400

**Hugo Priemus**

*URBAN DUTCH: SYNERGY BETWEEN TRANSPORT INFRASTRUCTURES AND CITIES.  
TOWARDS A HIGHER PRODUCTIVITY OF THE ECONOMY* 1267

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*URBAN AMERICA: RISING INEQUALITY IN AN AGE OF AUSTERITY* A0007

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14:00 - 15:45

Sala d'Actes\_Wed\_3

*Special Session*

**ZC. SS- INNOVATION AND REGIONAL GROWTH IN EUROPE**

Chair: Roberta Capello

**Roberta Capello, Camilla Lenzi**

*TERRITORIAL PATTERNS OF INNOVATION IN EUROPE* 1900

**Attila Varga, Péter Járosi, Tamás Sebestyén**

*MODELING THE GROWTH EFFECTS OF REGIONAL KNOWLEDGE PRODUCTION:  
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POLICY IMPACT SIMULATIONS* 1426

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*SPACE AND SPILLOVERS: THE ROLE OF DIFFERENT FORMS OF PROXIMITY  
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**Julie Porter**

*KNOWLEDGE SPILLOVER AND REGIONAL GROWTH: THE CASE OF CARDIFF'S  
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**ZZD. SS- REGIONAL DEVELOPMENT, STRUCTURAL CHANGES AND SERVICES***Chair: Andreas P. Cornett***Simón Sánchez**

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*REGIONAL IMPACTS OF ECONOMIC TRANSITION: FROM MANUFACTURING TO SERVICE AND KNOWLEDGE BASED DEVELOPMENT: LONG TERM TRENDS AND RECENT DANISH EXPERIENCES IN THE WIND ENERGY INDUSTRY.*

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*LOCATION OF KNOWLEDGE-INTENSIVE BUSINESS SERVICES ACROSS EUROPE: A REGIONAL PERSPECTIVE*

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*POLYCENTRISM AND TERRITORIAL COHESION IN LISBON METROPOLITAN AREA: THE CONTRIBUTION OF NEW SERVICE SPACES*

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**Daniela Constantin, Zizi Goschin, Statty Statev, Stela Raleva, Bogdan Ileanu**

*MULTI-CRITERIA ANALYSIS AS A TOOL FOR MUNICIPAL PROPERTY MANAGEMENT*

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**ZZB. SS- INDUSTRIAL DISTRICTS AND CLUSTERS FACING GLOBALISATION***Chair: Luciana Lazzeretti***Joan Trullen**

*GIACOMO BECATTINI AND THE NOTION OF "MARSHALLIAN INDUSTRIAL DISTRICT".*

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*THE NEW COMPLEXITY: NEW DYNAMICS IN CLUSTERS AND DISTRICTS*

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*IN SEARCH OF INDUSTRIAL DISTRICTS IN EUROPEAN COUNTRIES: THE CASE OF ITALY, SPAIN AND GREAT BRITAIN*

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Room 5\_Wed\_3

*Special Session*

**ZL. SS- AIR TRANSPORT AND LOCAL DEVELOPMENT**

**Chair: Rosário Macário**

**José Braz, Emilia Baltazar, Jorge Silva, Margarida Vaz**

*MACBETH AS A MCDA TOOL TO BENCHMARK THE IBERIAN AIRPORTS*

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**Lia Pereira, Jorge Silva**

*AIRSHIPS AND CONVENTIONAL AIR TRANSPORTATION SYSTEMS.  
INSIGHTS AND CHALLENGES FOR PORTUGAL.*

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**Maria Emilia Baltazar, José Braz, Jorge Silva, Margarida Vaz**

*INSIGHTS AND CHALLENGES ABOUT THE USE OF VNA ON AIRPORT/HINTERLAND  
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**Alda Metrass Mendes, Richard de Neufville, Álvaro Costa**

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Room 6\_Wed\_3

*Special Session*

**ZZO. SS- SUSTAINCITY CONFERENCE ON LAND-USE AND TRANSPORT**

**Chair: Balz R. Bodenmann**

**Thomas Nicolai, Kai Nagel**

*INVESTIGATING ACCESSIBILITY INDICATORS FOR FEEDBACK FROM A TRAVEL  
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**Nathalie Picard, André de Palma, Pierre-André Chiappori**

*COUPLE RESIDENTIAL LOCATION AND SPOUSES WORKPLACES*

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**Sara Levy, Karel Martens**

*AN AGENT-BASED MODEL OF TRANSPORT AND LAND USE COORDINATION ACROSS  
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*R Session*

**S. INFRASTRUCTURE, TRANSPORTS AND COMMUNICATIONS**

*Chair: Piet Rietveld*

**Soushi Suzuki, Peter Nijkamp**

*A STEPWISE EFFICIENCY IMPROVEMENT DEA MODEL FOR AIRPORT OPERATIONS  
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*LOGISTICS CONNECTIONS, EFFICIENCY AND COMPETITION: A SURVEY ON ITALIAN  
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**Piet Rietveld, Erhan Demirel, Jos van Ommeren**

*COPING WITH UNCERTAINTY IN THE INLAND NAVIGATION MARKET:  
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**A. REGIONAL ECONOMIC GROWTH AND DEVELOPMENT**

*Chair: Michael Owyang*

**Ana Gomez Loscos, M. Dolores Gadea, Antonio Montañes**

*CYCLES INSIDE CYCLES: SPANISH REGIONAL AGGREGATION*

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*DISCORDANT CITY EMPLOYMENT CYCLES*

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*O Session***A. REGIONAL ECONOMIC GROWTH AND DEVELOPMENT***Chair: Xiaoduan Sun***Marloes Hoogerbrugge***COMPETITIVENESS IN URBAN EUROPE: RESEARCH BASED, PRACTICE LED* 1222**Jacek Sołtys***TOWNS IN THE REGIONAL POLICY OF ACTIVATION OF PERIPHERAL AREAS CHOOSING PROBLEMS THE CASE OF NORTHERN POLAND* 1688**Hector Martinez Sanchez-Mateos, Felix Pillet Capdepon, Maria del Carmen Cañizares Ruiz, Angel Raul Ruiz Pulpon, Julio Plaza Tabasco, Jesus Francisco Santos Santos***INDICATORS AND METHODS FOR SPATIAL COHESION RESEARCH: DIFFICULTIES AND CHALLENGES IN LOW-DENSITY REGIONS* 1517**Yuheng Li***URBAN-RURAL INTERACTION AND IMPLICATIONS FOR REGIONAL PLANNING IN CHINA, 1980-2010* 1346**Xiaoduan Sun, Junlei Wang, Yulong He***CRITICAL ISSUES IN CHINA FACING UNPRECEDENTED MOTORIZATION DEVELOPMENT* 496

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*O Session***A. REGIONAL ECONOMIC GROWTH AND DEVELOPMENT****CHAIR:****Friso Schlitte****Anca Dachin, Raluca Popa***EFFECTS OF EMPLOYMENT STRUCTURE CHANGES ON REGIONAL PRODUCTIVITY DISPARITIES IN ROMANIA* 1370**Pierre-Marcel Desjardins***COMPETITIVE WAGES AND REGIONAL ECONOMIC DEVELOPMENT* 868**Mihaela-Nona, Chilian Mihaela-Nona Chilian***EVOLUTION OF REGIONAL DISPARITIES IN ROMANIA A SHIFT-SHARE ANALYSIS* 827**Sylwia Roszkowska***LABOUR QUALITY AND ECONOMIC GROWTH IN POLISH REGIONS* 1819**Friso Schlitte, Silvia Stiller, Annkatrin Niebuhr, Javier Revilla Diez***THE DETERMINANTS OF REGIONAL EMPLOYMENT GROWTH EVIDENCE FOR DIFFERENT QUALIFICATION LEVELS* 499

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Room 9b\_Wed\_3

*O Session***B. RURAL AND LOCAL DEVELOPMENT***Chair: Philippe Jeanneaux*

- Helen Karka**, Evangelos Kyriazopoulos, Katerina Kanellopoulou  
*SPATIAL PLANNING FOR AQUACULTURE: A SPECIAL NATIONAL FRAMEWORK FOR RESOLVING LOCAL CONFLICTS* 1592
- Yoji Kunimitsu**  
*CHANGES IN TOTAL FACTOR PRODUCTIVITY AND ITS CAUSATIVE FACTORS IN JAPANESE AGRICULTURE* 1087
- Weslem Faria, Alexandre Almeida**  
*AGRICULTURAL EXPANSION, OPENNESS TO TRADE AND DEFORESTATION AT THE BRAZILIAN AMAZON: A SPATIAL ECONOMETRIC ANALYSIS* 1013
- Pia Nilsson, Sara Johansson, Lars Pettersson**  
*CAPITALIZATION OF AGRICULTURAL SUPPORT PAYMENTS IN FARMLAND PRICES IN SWEDEN* 534
- Pia Nilsson, Sara Johansson**  
*DETERMINANTS OF AGRICULTURAL LAND PRICES - EXPECTED RETURNS AND LOCATION* 535
- Philippe Jeanneaux**, Dominique Barjolle, Dorothée Meyer  
*RAISING RIVALS' COSTS STRATEGY AND LOCALISED AGRO-FOOD SYSTEMS IN FRANCE* 680

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14:00 - 15:45

Room 10\_Wed\_3

*Special Session***ZZV. SS- 1ST EUROPEAN MEETING OF THE UEA***Chair: Christian Hilber*

- Matthew Chambers, Carlos Garriga**, Don Schlagenhauf  
*DID HOUSING POLICIES CAUSE THE POST-WAR BOOM IN HOMEOWNERSHIP? A GENERAL EQUILIBRIUM ANALYSIS* 633
- David Genesove**, Lu Han  
*MEASURING THE THINNESS OF REAL ESTATE MARKETS* 620
- Florence Goffette-Nagot, Modibo Sidibé**  
*PUBLIC HOUSING AS A SPRINGBOARD TO HOMEOWNERSHIP: EVIDENCE FROM FRANCE* 649
- Christian Hilber**  
*THE DETERMINANTS OF HOMEOWNERSHIP: PANEL DATA EVIDENCE FROM EUROPE* 573

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Room 11\_Wed\_3

*Special Session*

**ZZV. SS- 1ST EUROPEAN MEETING OF THE UEA**

*Chair: Viladecans-Marsal*

- Adelheid Holl, Miquel-Angel Garcia-Lopez, **Elisabet Viladecans-Marsal**  
*ACCESS TO HIGHWAYS AND SUBURBANIZATION IN URBAN AGGLOMERATIONS* 612
- Gabriel Ahlfeldt Volker Nitsch, **Nicolai Wendland**  
*EASE VS. NOISE: ON THE CONFLICTING EFFECTS OF TRANSPORTATION  
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- Jan Rouwendal**, Yuval Kantor, Peter Nijkamp  
*HOMEOWNERSHIP, UNEMPLOYMENT AND COMMUTING DISTANCES* 587
- Ina Blind**, Olof Åslund  
*LABOUR MARKET EFFECTS OF IMPROVED COMMUTING OPPORTUNITIES  
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Room 102\_Wed\_3

*Special Session*

**ZE. SS- TERRITORIAL GOVERNANCE**

*CHAIR: André Torrè JB Traversac*

- Yuko Akune**  
*EFFECTS OF AGRI-FOOD CLUSTERS IN RURAL ECONOMY: USAGE OF CGE MODEL  
FOR GREEN TEA CLUSTERS IN MIE PREFECTURE* 1851
- Julien Frayssignes**  
*THE CONCEPT OF 'AGROENERGY DISTRICT': A RELEVANT TOOL FOR SUSTAINABLE  
DEVELOPMENT IN RURAL AREAS* 318
- Shinichi Furuzawa, Lily Kiminami**  
*THEORETICAL AND POLICY EXAMINATIONS CONCERNING INDUSTRIAL CLUSTERS  
IN JAPAN* 1850

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Room 103\_Wed\_3

*O Session***T. LAND USE REAL ESTATE AND HOUSING MARKETS***Chair: Jasper Dekkers***Shanaka Herath, Gunther Maier***WHAT IS THE SHAPE OF THE RENT GRADIENT? COMPARISON BETWEEN A SMALL AND A LARGE CITY*

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**Dominik Weiß, Claus Michelsen***THE IMPROVEMENT OF HOUSING CONDITIONS IN POST COM-MUNIST GERMANY MARKET MECHANISMS AND SUBSIDY IMPACTS*

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**Tuba Cekic, Ela Yazici***SPATIAL DISTRIBUTION OF HOUSING INVESTMENT AND PERCEPTION OF EARTHQUAKE RISK IN ISTANBUL METROPOLITAN AREA*

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**Ana Fuentes Sánchez, Fabíola Sabino Gil, Luisa Alama Sabater, Tomaz Dentinho***A Q METHODOLOGY APPROACH TO DEFINE URBAN SUSTAINABILITY CHALLENGES IN A SMALL INSULAR CITY*

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**Eric Koomen, Piet Rietveld, Jasper Dekkers***TOWARDS AN INTEGRATED APPROACH FOR INCORPORATING SOCIO-ECONOMIC AND BIOPHYSICAL PROCESSES IN LOCAL SCALE LAND-USE MODELLING*

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14:00 - 15:45

Room 104\_Wed\_3

*Special Session***ZZN. SS- PROCESS. OF URBAN. ALONG THE EUROPEAN COASTAL AREAS***Chair: Malcolm C. Burns***Nicola Colaninno, Jorge Cerda, Josep Roca***SPATIAL PATTERNS OF LAND USE: MORPHOLOGY AND DEMOGRAPHY, IN A DYNAMIC EVALUATION OF URBAN SPRAWL PHENOMENA ALONG THE SPANISH MEDITERRANEAN COAST*

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**Yraida Romano, Jerolim Mladinov, Malcolm Burns, Josep Roca***THE GROWTH PATTERN OF URBAN LAND ON THE SPANISH MEDITERRANEAN COASTLINE*

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**Pablo Martí, Almudena Nolasco***URBANIZATION PROCESSES ALONG THE MEDITERRANEAN COAST OF ALICANTE PROVINCE*

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**Beltran Carlos, Josep Roca***NEW HOLIDAY TOWNS*

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**Nuno Norte Pinto, António Pais Antunes, Josep Roca Cladera***MULTISCALE CELLULAR AUTOMATA MODEL FOR SIMULATING LAND USE CHANGE AT REGIONAL/LOCAL SCALES*

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14:00 - 15:45

Room 109\_Wed\_3

*Special Session*

**ZZA. SS- TERRIT. COHES. IN CONTEXT OF NEW EU STATES: IMPACT**

*Chair: Maciej Turala*

**Paweł Churski, Jan Hauke**

*POLYCENTRIC DEVELOPMENT AND GROWTH AREAS*

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**Dagmara Kociuba**

*TERRITORIAL COHESION OF POLISH BORDER AREAS SPATIAL PLANNING ASPECT.*

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*THE ANALYSIS OF CONVERGENCE PROCESS OF VOIVODSHIPS' EFFICIENCY IN POLAND USING THE DEA METOD*

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**Stanislaw Walukiewicz, Aneta Wiktorzak**

*MEASURING HUMAN CAPITAL IN EDUCATION*

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**Maciej Turala**

*FINANCIAL MEASURES OF TERRITORIAL COHESION*

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Room 110\_Wed\_3

*Special Session*

**ZY. SS- SCIENCE AND POLICY INTEGRATION FOR SUSTAINABLE REGIONAL DEVELOPMENT**

*Chair: Tomaz Dantinho*

**Aliye Ahu Akgün, Eveline van Leeuwen, Peter Nijkamp**

*THE USEFULNESS OF ANALYTICAL TOOLS FOR SUSTAINABLE FUTURES*

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*NEW SOCIAL RISKS AND SUSTAINABLE DEVELOPMENT OF URBAN AREA*

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*ECONOMIC BASE MODEL IN GUADIANA ESTUARY AN APPLICATION OF INTEGRATED COASTAL ZONE MANAGEMENT*

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**Jesko Hirschfeld, André Schröder, Nardine Stybel, Ralf Scheibe**

*LINKING REGIONAL ECONOMIC AND ECOLOGICAL MODELS FOR AN INTEGRATED COASTAL ZONE MANAGEMENT - THE ODER ESTUARY CASE*

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14:00 - 15:45

Room 111\_Wed\_3

*O Session***F. PUBLIC FINANCE AND REGIONAL DEVELOPMENT***Chair: Alexandre Porsse*

- Martha Geraki, Serafeim Polyzos**  
*PUBLIC INVESTMENT REGIONAL ALLOCATION UNDER UNCERTAINTY* 814
- Dan Constantinescu**  
*REGIONAL DYNAMICS OF PRIVATE PENSION FUNDS IN ROMANIA* 783
- Ossi Korkeamäki**  
*THE FINNISH PAYROLL TAX CUT EXPERIMENT REVISITED, OR WHERE DID THE MONEY GO?* 898
- Alexandre Porsse, Patrícia Palermo, Marcelo Portugal**  
*AN INTERREGIONAL CGE ANALYSES ON THE EFFECTS OF STATE TAX HARMONIZATION IN BRAZIL* 1011

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14:00 - 15:45

Room 112\_Wed\_3

*R Session***P. GEOGRAPHICAL INFORMATION SYSTEMS AND SPATIAL ANALYSIS***Chair: Susanne Linder*

- Carmen Forciniti, Gabriella Mazzulla**  
*SPATIAL ASSOCIATION TECHNIQUES FOR ANALYSING TRIP DISTRIBUTION IN AN URBAN AREA* 1364
- Alfredo Paloyo, Colin Vance, Matthias Vorell**  
*LOCAL DETERMINANTS OF CRIME: DO MILITARY BASES MATTER?* 399
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*EXPLORING THE RELATIONSHIP AMONG URBAN AND TRANSPORTATION SYSTEM CHARACTERISTICS THROUGH SPATIAL HETEROGENEITY ANALYSES* 1356
- Susanne Linder**  
*SPATIAL DIFFUSION OF ELECTRIC VEHICLES IN THE GERMAN METROPOLITAN REGION OF STUTTGART* 557

*O Session***C. SOCIAL CAPITAL AND REGIONAL DEVELOPMENT***Chair: Gerard Marlet*

- Marie Ferru**, Michel Grossetti, Marie-Pierre Bès  
*MEASURING SOCIAL EMBEDDEDNESS : HOW TO IDENTIFY SOCIAL NETWORKS  
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- Kirill Mueller**, Kay W. Axhausen  
*HIERARCHICAL IPF: GENERATING A SYNTHETIC POPULATION FOR SWITZERLAND* 305
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A CLOSE EXAMINATION* 722
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*INSTITUTIONS, SOCIAL CAPITAL AND ECONOMIC DEVELOPMENT IN LATIN AMERICA* 1531
- Cristina Brasili**  
*LOCAL AND URBAN DEVELOPMENT IN THE EUROPEAN UNION* 1382
- Harry Garretsen, **Gerard Marlet**  
*THE RELEVANCE OF AMENITIES AND AGGLOMERATION FOR DUTCH HOUSING PRICES* 1274

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*O Session***V. TOURISM, CULTURAL INDUSTRIES AND REGIONAL DEVELOPMENT***Chair: Tomaso Pompili*

- Barbara Martini**  
*CULTURAL HERITAGE AND THE GOVERNANCE OF THE UNESCO SITES OF CAMPANIA* 565
- Elif GUNDUZ**, Rahmi ERDEM  
*OBSTACLES TO HERITAGE TOURISM PLANNING: SOCIO-SPATIAL PLANNING PROBLEMS  
WITHIN MARDIN* 214
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*CULTURAL HERITAGE AND DOMESTIC TOURISM IN THE NETHERLANDS* 404
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*TERRITORIAL REPUTATION IN THE TOURISM SECTOR: METHODOLOGICAL ASPECTS  
AND AN APPLICATION TO THE AOSTA VALLEY* 950
- Tomaso Pompili**, Michela Martinoia  
*BUILDING SYNTHETIC INDICATORS FOR ASPECTS OF TERRITORIAL CAPITAL TOWARDS  
THEIR IMPACT ON REGIONAL PERFORMANCE* 1528

14:00 - 15:45

Room 116\_Wed\_3

*R Session***N. ENTREPRENEURSHIP, NETWORKS AND INNOVATION***Chair: Jose M. Barrutia*

- Helena Santos-Rodrigues**, Pedro Figueroa, Carlos Maria Jardon  
*THE IMPACT OF STRUCTURAL CAPITAL ON THE FIRM INNOVATIVENESS, THE GALICIAN  
 NORTHERN PORTUGAL AUTOMOTIVE INDUSTRIES REALITY* 1386
- Petri Ruuskanen**, Tomi Kankainen  
*DYNAMIC CAPABILITIES IN SMALL AND MEDIUM MANUFACTURING FIRMS IN RURAL  
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- Carmen Echebarria, **Jose M. Barrutia**  
*MANAGING POLICY NETWORKS: A SOCIAL MARKETING- AND COLLECTIVE  
 INTELLIGENCE SYSTEMS-DRIVEN VIEW* 1402

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14:00 - 15:45

Room 117\_Wed\_3

*R Session***O. INNOVATION, KNOWLEDGE, ECONOMY AND REGIONAL DEVELOPMENT***Chair: Viktor Slavtchev*

- Eleonora Cutrini**, Enzo Valentini  
*WHAT DETERMINES THE NATURE OF REGIONAL SPECIALIZATION? EVIDENCE  
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- Giovanni Guastella**, Frank van Oort  
*ON SPECIFYING HETEROGENEITY IN KNOWLEDGE PRODUCTION FUNCTIONS* 1114
- Maria Del Sorbo**, Nick von Tunzelmann  
*A GAP IN COMPETENCIES OR IN CAPABILITIES?: THE ROLE OF REGIONAL UNIVERSITIES  
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- Viktor Slavtchev**, Florian Noseleit  
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 MANUFACTURING AND KNOWLEDGE-INTENSIVE SERVICE INDUSTRIES IN A REGION* 475

*Special Session***ZZP. SS- KNOWLEDGE, INNOVATION AND ECONOMIC GEOGRAPHY***Chair: Philip McCann***Riccardo Crescenzi, Andrés Rodríguez-Pose***LOOKING AT INNOVATION GAPS FROM A COMPARATIVE PERSPECTIVE* 1760**Rosina Moreno, Ernest Miguélez***THE RELEVANCE OF SPATIAL AND NON-SPATIAL LINKAGES IN THE DIFFUSION OF KNOWLEDGE: THE EUROPEAN CASE* 1857**Raquel Ortega-Argilés***THE TRANSATLANTIC PRODUCTIVITY GAP: A SURVEY OF THE MAIN CAUSES BASED ON EMPIRICAL EVIDENCE.* 1854

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*Special Session***ZZU. SS- KNOWLEDGE COMMERCIALIZATION AND VALORIZATION IN REGIONAL ECONOMIC DEVELOPMENT: NEW APPROACHES AND CONCEPTS***Chair: Tuzin Baycan***Hans Westlund***SWEDISH UNIVERSITIES IN TRANSITION: FROM "MODE 1" TO WHAT?* 840**Marina Van Geenhuizen, Mozhdeh Taheri, Ye Qing***OPEN INNOVATION AS A STRATEGY AMONG UNIVERSITY SPIN-OFF FIRMS* 1871**Stefan Rehak, Milan Bucek, Oto Hudec***REGIONAL TRAJECTORIES OF THE IT SECTOR DEVELOPMENT IN SLOVAKIA.* 1654**Patricia Van Hemert, Peter Nijkamp, Enno Masurel***INTERNATIONAL KNOWLEDGE NETWORKS, RADICAL INNOVATION AND PERCEIVED PROFIT INCREASE IN SMES* 1872**Hugo Pinto***KNOWLEDGE TRANSFER IN THE MIRROR: REFLECTIONS ON THE DETERMINANTS OF RESEARCH GROUPS AND COMPANIES COLLABORATIVE PATTERNS WITHIN ANDALUSIA'S REGIONAL INNOVATION SYSTEM* 212

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Room 121\_Wed\_3

*O Session***I. REGIONAL POPULATION CHANGE, MIGRATION, DIASPORAS AND DVLP***Chair: Stefan Groot***Simonetta Longhi***DOES CULTURAL DIVERSITY INCREASE WELLBEING?*

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**Gianluca Santoni, Luca De Benedictis, Massimiliano Bratti***ON THE PRO-TRADE EFFECT OF IMMIGRANTS*

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**Jessie Bakens, Peter Mulder, Peter Nijkamp***CITY AMENITIES: THE VALUE OF CULTURAL DIVERSITY*

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**Stefan Groot***MIGRATION AND THE DIFFUSION OF KNOWLEDGE IN A GLOBALIZED ECONOMY*

1338

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14:00 - 15:45

Room 122\_Wed\_3

*Special Session***ZR. SS- WAGES AND REGIONAL LABOUR MARKETS***Chair: Raul Ramos***Ismael Ahamdanech, Carmelo García-Pérez, Hipolito Simon***WAGE INEQUALITY IN SPAIN: A REGIONAL PERSPECTIVE*

1074

**Victor Montuenga, Inmaculada Garcia***THE WAGE DYNAMICS IN SPAIN: EVIDENCE FROM INDIVIDUAL DATA*

585

**Ioannis Kaplanis, Vassilis Monastiriotis***NOMINAL WAGE RIGIDITY AND LABOUR MARKET FLEXIBILITY IN THE BRITISH REGIONS*

1540

**Bruno Cruz, Paolo Naticchioni***FALLING WAGE INEQUALITY IN BRAZIL: A REGIONAL APPROACH*

1534

**Raul Ramos, Claudia Tello***WAGE INEQUALITY AND ECONOMIC GROWTH IN MEXICAN REGIONS*

853

*O Session***K. SPATIAL ISSUES OF THE LABOUR MARKET***Chair: Arjen Edzes*

- Daniel Arribas-Bel**, Fernando Sanz Gracia  
*THE SIZE DISTRIBUTION OF EMPLOYMENT CENTERS IN US METROPOLITAN AREAS* 423
- Aleksey Oshchepkov**  
*WHAT DRIVES CROSS-REGIONAL DIFFERENCES IN RETURNS TO HIGHER EDUCATION?* 701
- Dobre Mihaela Hrisanta, **Ailenei Dorel**, Cristescu Amalia  
*REGIONAL DISTRIBUTION OF DISCRIMINATION FORMS IN THE LABOR MARKET  
IN ROMANIA* 1129
- Arjen Edzes**, Marije Hamersma, Jouke Van Dijk  
*REGIONAL TRANSITIONS OF LOW EDUCATED SCHOOLLEAVERS IN THE NETHERLANDS* 1067
- Alessia Matano, **Paolo Naticchioni**  
*DISENTANGLING HUMAN CAPITAL ACCUMULATION FROM SPATIAL EXTERNALITIES:  
EVIDENCE FOR SKILLED AND UNSKILLED WORKERS* 877

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*High Level Session: The Big Thinkers & The Big Five in one day***THE NEW URBAN WORLD. 'BELLISSIMO'***Chair: Charlie Karlsson, Rapporteur: Soushi Suzuki*

- Diego Puga**  
*URBAN LEARNING: LEARNING AND PRODUCTIVITY ADVANTAGES FROM URBAN  
DENSITY* 1902
- Roberto Camagni**  
*URBAN PROFIT: URBAN CHALLENGES - RESEARCH CHALLENGES* 1911
- Jacques Poot**  
*URBAN PEOPLE: THE COLOUR OF FUTURE CITIES: GREY OR A RAINBOW?* 1727
- Roberta Capello**  
*URBAN PLANET: URBAN GROWTH: IS IT A NEVER ENDING STORY?* 1912
- Karima Kourtit, Peter Nijkamp, Mark Partridge**  
*URBAN EUROPE: A SEARCH FOR EXCEPTIONAL CITIES* 492

16:15 - 18:00

Sala d'Actes\_Wed\_4

*Special Session***ZC. SS- INNOVATION AND REGIONAL GROWTH IN EUROPE***Chair: Raffaele Paci*

- Ernest Miguelez**, Rosina Moreno  
*IMPACT OF MOBILITY AND NETWORKS TO THE EUROPEAN REGIONS* 513
- Stefano Usai**, Emanuela Marrocu, Raffaele Paci  
*PROXIMITY, NETWORKS AND KNOWLEDGE PRODUCTION IN EUROPE* 483
- Riccardo Crescenzi**, Andrés Rodríguez-Pose, Michael Storper  
*THE TERRITORIAL DYNAMICS OF INNOVATION IN CHINA AND INDIA* 1739

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16:15 - 18:00

Room 3\_Wed\_4

*Special Session***ZZD. SS- REGIONAL DEVELOPMENT, STRUCTURAL CHANGES AND SERVICES***Chair: Juan Carlos Martin*

- Victor Manuel Figueira**, Ana Paula Figueira, Luis Miguel Luz  
*THE TOURISM OBSERVATORY OF ALENTEJO: A SUPPORT INSTRUMENT FOR FORESIGHT AND STRATEGIC PLANNING IN THE TOURIST SECTOR IN THE REGION.* 988
- Vassilis Angelis, **Ioanna Tsoka**, Katerina Dimaki  
*TOURISM AS A MEANS OF DEVELOPING ISOLATED REGIONS: DEFINING THE IMAGE OF A TOURISM DESTINATION FROM THE DEMAND AND SUPPLY SIDE* 1895
- Concepcion Roman**, **Juan Carlos Martin**, **Raquel Espino**  
*USING STATED PREFERENCES (SP) TO ANALYZE THE SERVICE QUALITY OF PUBLIC TRANSPORT* 86
- Fernando Rubiera Morollón**, Mario Polèse  
*ON THE DIFFICULTY OF COMPARING THE SPATIAL DISTRIBUTION OF SERVICE INDUSTRIES ACROSS NATIONS: CONTRASTING SPAIN AND CANADA.* 209

*Special Session***ZZB. SS- INDUSTRIAL DISTRICTS AND CLUSTERS FACING GLOBALIS.***Chair: Jose-Luis Hervas-Oliver*

- Antonio Fuster Olivares, Jose Miguel Giner Pérez, M Jesus Santa María Beneyto**  
*IDENTIFICATION OF TECHNOLOGICAL DISTRICTS: THE CASE OF SPAIN* 1541
- José Belso-Martínez, Xavier Molina-Morales, Francisco Más-Verdú**  
*HOW CLUSTER MEMBERSHIP PLACES THE MEDIATOR EFFECT OF THE INTERNAL RESOURCES ON THE ASSOCIATION BETWEEN KIBS AND THE GROWTH OF NEW INNOVATIVE FIRMS* 1732
- Yolanda Reig-Otero, Monica Edwards, C. Feliú-Mingarro, L.Fernández De Lucio**  
*GENERATION AND DIFFUSION OF INNOVATIONS IN A DISTRICT LEARNING SYSTEM: THE CASE OF INK-JET PRINTING* 1834
- Jose-Luis Hervas-Oliver**  
*SOCIAL NETWORKS ACROSS SPATIAL AGGLOMERATIONS: THE PARADOX OF HIGH-TECH CLUSTERS. A CRITICAL REVISION OF CLUSTERS* 779

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*O Session***L. SUSTAINABILITY ISSUES***Chair: Vincent Linderhof*

- Roberto Del Ciello, Andrea Forni, Federica Scipioni, Antonio Disi, Anna Salama**  
*THE GOVERNANCE OF THE SEA IN THE 2007-2013 EU PROGRAMS: THE CASE OF ITALY* 1290
- Helena Guimarães**  
*Q METHODOLOGY TO DEFINE POLICY ISSUES AND PROMOTE STAKEHOLDER DIALOGUE IN PRAIA DA VITÓRIA BAY IN TERCEIRA, AZORES* 1297
- Corrado Zoppi**  
*DOES LANDSCAPE PROTECTION REALLY MATTER? AN ASSESSMENT OF A LOCAL COMMUNITY'S ATTITUDE THROUGH MULTICRITERIA ANALYSIS* 705
- Federica Isola, Cheti Pira**  
*STRATEGIC ENVIRONMENTAL ASSESSMENT OF THE ADJUSTMENT PROCESS OF THE CITY MASTERPLAN TO THE SARDINIAN REGIONAL LANDSCAPE PLAN: THE CASE OF CITY MASTERPLAN OF ALGHERO, SARDINIA (ITALY)* 939
- Arianne de Blaëij, Vincent Linderhof, Martijn van der Heide, Nico Polman**  
*GOVERNANCE AND DISTANCE DECAY FUNCTIONS FOR USE AND NON-USE VALUES OF NATURAL ENVIRONMENT AREAS IN THE NETHERLANDS* 1649

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Room 6\_Wed\_4

*Special Session***ZZO. SS- SUSTAINCITY CONFERENCE ON LAND-USE AND TRANSPORT***Chair: Balz R. Bodenmann***Nathalie Picard, Constantinos Antoniou***ECONOMETRIC GUIDANCE FOR DEVELOPING URBANSIM MODELS. FIRST LESSONS FROM THE SUSTAINCITY PROJECT.*

1494

**Patrick Schirmer, Christof Zöllig, Kirill Müller, Balz Bodenmann, Kay Axhausen***THE ZURICH CASE STUDY OF URBANSIM*

562

**Marcial Echenique, Vadim Grinevich, Antony Hargreaves, Vassilis Zachariadis***IMPLEMENTATION OF A LAND USE AND SPATIAL INTERACTION MODEL BASED ON RANDOM UTILITY CHOICES AND SOCIAL ACCOUNTING MATRICES*

1555

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16:15 - 18:00

Room 7\_Wed\_4

*O Session***S. INFRASTRUCTURE, TRANSPORTS AND COMMUNICATIONS***Chair: Luisa Alamá Sabater***Rinas Kashbrasiev***A MULTI-CRITERIA ANALYSIS OF RUSSIAN INTERNATIONAL AND INTERREGIONAL LOGISTICS CENTERS*

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**Sophie Masson, Romain Petiot***ON THE RELATIONSHIP BETWEEN SPACE AND LOGISTICS*

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**Hidekazu Ito***AN ANALYSIS OF ECONOMIC IMPACTS OF LOGISTICS ACCESSIBILITY ON MANUFACTURING PRODUCTION*

1027

**Fikret Zorlu***THE ROLE OF LOGISTICS INFRASTRUCTURE AND FACILITIES IN REGIONAL DEVELOPMENT*

1294

**Luisa Alamá Sabater, Laura Marquez Ramos, Celestino Suarez Burguet***REGIONAL TRADE AND LOGISTICS INFRASTRUCTURE: A SPATIAL APPROACH*

1737

**D. AGGLOMERATION, CLUSTERS AND POLICY***Chair: Dimitris Skuras***Hans Koster**, Jos van Ommeren, Piet Rietveld*GEOGRAPHIC CONCENTRATION OF BUSINESS SERVICES FIRMS:**A POISSON SORTING MODEL*

750

**Marcello Pagnini, Valter Di Giacinto**, Giacinto Micucci, Matteo Gomellini*MAPPING LOCAL PRODUCTIVITY ADVANTAGES IN ITALY: INDUSTRIAL DISTRICTS,  
CITIES OR BOTH?*

1806

**Marian Rizov***IS THERE A LIMIT TO AGGLOMERATION? EVIDENCE FROM PRODUCTIVITY  
OF DUTCH FIRMS*

231

**Dimitris Skuras, Kostas Tsekouras, Eftalia Dimara***DECIPHERING THE EFFECTS OF AGGLOMERATION ECONOMIES ON FIRMS'  
PRODUCTIVE EFFICIENCY*

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**A. REGIONAL ECONOMIC GROWTH AND DEVELOPMENT***Chair: Ugo Fratesi***Ramona Frunza, Gabriela Carmen Pascariu***NEW TENDENCIES ON AGGLOMERATION AND REGIONAL CONVERGENCE  
PROCESSES IN ROMANIA AND POLAND*

1814

**Gustav Hansson**, Erik Fransson, Marcus Jernström*URBAN DEVELOPMENT AND URBAN-RURAL RELATIONSHIPS: A DISCUSSION  
ON HOW TO MEASURE URBAN DEVELOPMENT IN SWEDEN*

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**Kiyoshi Matsubara***PRODUCT QUALITY IN DIFFERENT MARKETS AND COST STRUCTURE*

1062

**Francesco Mureddu, Fabio Cerina***STRUCTURAL CHANGE, URBANIZATION AND GROWTH*

1831

**Ugo Fratesi***AGGLOMERATION ECONOMIES AND THE REGIONAL POLICY CHOICES OF COUNTRIES*

652

16:15 - 18:00

Room 9a\_Wed\_4

*O Session***A. REGIONAL ECONOMIC GROWTH AND DEVELOPMENT***Chair: Hiroshi Sakamoto***Ewa Bojar, Matylda Bojar***CLUSTERS AS A VEHICLE FOR REGIONAL DEVELOPMENT. THE CASE OF LUBLIN REGION.*

59

**Joaquim Guilhoto, Cinthia Costa, Marcelo Cunha, Kathleen Araujo***THE ROLE OF ETHANOL IN THE BRAZILIAN ECONOMY: THREE DECADES OF PROGRESS* 1478**Eduardo Haddad, Juan Manuel Samaniego, Alexandre Porsse, Santiago Ochoa, Luiz Gustavo Souza***INTERREGIONAL INTERDEPENDENCE AMONG ECUADORIAN PROVINCES: AN INPUT-OUTPUT ANALYSIS*

836

**Mete Basar Baypinar***THE ROLE OF LONG DISTANCE SPATIAL SPILLOVERS ON PRODUCTIVITY GROWTH IN TURKEY DURING 1990-2000*

980

**Viktor Venhorst, Jouke Van Dijk, Leo Van Wissen***CONSUMPTION OR PRODUCTIVITY: HUMAN CAPITAL SPILLOVERS IN DUTCH CITIES* 869**Hiroshi Sakamoto***INTER-REGIONAL SPILLOVERS IN FUKUOKA PREFECTURE: USING VAR MODEL*

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16:15 - 18:00

Room 9b\_Wed\_4

*O Session***B. RURAL AND LOCAL DEVELOPMENT***Chair: Stijn Reinhard***Jiri Jezek***ATTRACTIVENESS OF THE SMALL TOWNS IN THE CZECH REPUBLIC* 1076**Polixeni Iliopoulou, Panagiotis Stratakis***ASPECTS OF RURAL DEVELOPMENT IN GREECE: INDICATORS, POLICIES AND NEW OPPORTUNITIES* 1538**Chiara Murano, Agata Spaziante, Carlo Rega***MULTIFUNCTIONAL RURAL LANDSCAPE(S) IN PERI-URBAN AREAS. RESEARCH PERSPECTIVES* 1454**Ailenei Dorel, Mosora Cosmin***LOCAL ACTION GROUPS - A POSSIBLE SOLUTION TO THE RURAL PROBLEM OF ROMANIA* 1136**Stijn Reinhard, Vincent Linderhof***SPATIAL ANALYSIS OF THE EU RURAL DEVELOPMENT* 1599

*Special Session***ZZV. SS- 1ST EUROPEAN MEETING OF THE UEA***Chair: Frédéric Robert-Nicoud***Stephen Sheppard***LOCALIZATION AND DISPERSION OF NON-PROFIT ENTERPRISES*

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**Yasusada Murata, Ryo Nakajima, Ryosuke Okamoto, Ryuichi Tamura***LOCALIZED KNOWLEDGE SPILLOVERS AND PATENT CITATIONS: A DISTANCE-BASED APPROACH*

595

**Liqiu Zhao***MARKUPS AND AGGLOMERATION: PRICE COMPETITION VS. EXTERNALITIES*

603

**Frédéric Robert-Nicoud, Kristian Behrens, Gilles Duranton***PRODUCTIVE CITIES: SORTING, SELECTION AND AGGLOMERATION*

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*Special Session***ZZV. SS- 1ST EUROPEAN MEETING OF THE UEA***Chair: Henry Overman***Giulia Faggio, Henry G. Overman***THE EFFECT OF PUBLIC SECTOR EMPLOYMENT ON LOCAL LABOUR MARKETS*

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**Paul Cheshire, Christian Hilber, Ioannis Kaplanis***EVALUATING THE EFFECTS OF PLANNING POLICIES ON THE RETAIL SECTOR: OR DO TOWN CENTRE FIRST POLICIES DELIVER THE GOODS?*

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**Essi Eerola, Teemu Lyytikäinen***THE EFFECTS OF PUBLISHING HOUSE PRICE INFORMATION: EVIDENCE FROM A NATURAL EXPERIMENT IN FINLAND*

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**Henry Overman, Steve Gibbons, Matti Sarvimäki***THE LONG RUN IMPACT OF SUBSIDIZING COMMERCIAL SPACE IN DEPRIVED NEIGHBOURHOODS*

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16:15 - 18:00

Room 102\_Wed\_4

*Special Session*

**ZE. SS- TERRITORIAL GOVERNANCE**

*Chair: André Torré JB Traversac*

**Ignacio Moreno**

*QUALITY LABELS AND INSTITUTIONAL DENSITY IN THE AGROFOOD SECTOR  
THE CASE OF ANDALUSIA*

1778

**Christian Barrere, Jean-Guillaume Ditter, Joëlle Brouard**

*THE ROLE OF SECTORIAL GOVERNANCE IN THE CASE OF FRENCH PDO WINES:  
SUCCESES AND FAILURES*

721

**Rakotonandraina Nalini, Sauvee Loic**

*LINKING MARKETING INNOVATION AND TERRITORIAL RESOURCES: THE EXAMPLE  
OF PORCILIN SAVEURS EN'OR A REGIONAL BRAND WITH NUTRITIONAL ATTRIBUTE*

1292

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16:15 - 18:00

Room 103\_Wed\_4

*O Session*

**T. LAND USE REAL ESTATE AND HOUSING MARKETS**

*Chair: Eyal Salinger*

**Danny Czamanski, Dani Broitman**

*DEVELOPERS' CHARACTERISTICS AND THE EMERGENCE OF URBAN SUB-CENTERS  
UNDER VARYING CHARACTERISTIC TIME*

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**Simonetta Armondi**

*HOW CAN WE DEAL WITH THE CONTEMPORARY PLACES AND SPACES OF NEW  
INDUSTRIES? A PLANNER'S PERSPECTIVE.*

610

**Lale Berköz, Merve Sakar**

*ISTANBUL OFFICE MARKET: DETERMINING TENANTS SATISFACTION WITH THEIR  
OFFICE AND ENVIRONMENTAL QUALITY*

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**Eyal Salinger, Daniel Shefer**

*FACTORS IMPEDING THE DECISION TO CONSERVE BUILDINGS WITH CULTURAL  
HERITAGE VALUE*

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*Special Session***ZZN. SS- PROCESS. OF URBAN. ALONG THE EUROPEAN COASTAL AREAS***Chair: Josep Roca*Jorge Cerda, **Yraida Romano**, Claudia Perez, Josep Roca*THE RELATION BETWEEN ENERGY CONSUMPTION AND DEVELOPED LAND; A MODEL FOR THE METROPOLITAN AREA OF BARCELONA* 193Carlos Marmolejo Duarte, Carlos Aguirre Nuñez, Eduardo Chica Mejia, **Claudia Perez Prieto**, Jaume Masip Tresserra*POLYCENTRISM IN THE SPANISH METROPOLITAN SYSTEM: AN ANALYSIS FOR 7 METRO AREAS* 119**Carlos Marmolejo Duarte**, Manuel Ruiz, Jorge Cerda, Josep Roca, **Jaume Masip***MODELLING URBAN GROWTH: A PROSPECTIVE POPULATION, HOUSING AND JOB LOCATION MODEL.* 120**Claudia Pérez Prieto**, Carlos Marmolejo Duarte*QUANTITY VIS QUALITY OF SCIENTIFIC PUBLICATIONS: AN ANALYSIS FOR MAIN CITIES OF SPAIN (2001-2007)* 858*Special Session***ZZA. SS- TERRIT. COHES. IN CONTEXT OF NEW EU STATES: IMPACT***Chair: Marek Kozak***Jacek Sottys***THE CONCEPT OF TERRITORIAL COHESION HOW TO APPLY IT TO MONITORING DEVELOPMENT OF NORTHERN POLISH REGIONS.* 1667**Mariusz Sokolowicz***TERRITORIAL CONTEXT IN THE RESEARCH ON THE EU COHESION. ONE-SPEED OR MULTI-SPEED EUROPE?* 1432**Zbigniew Mogila**, Janusz Zaleski, Joanna Kudelko*LEADERS AND OUTLIERS IN THE RACE OF REGIONS - EU COHESION POLICY IN POLAND IN THE LIGHT OF MACROECONOMIC MODELLING* 292**Filip Moterski***ADAPTATION OF POSTINDUSTRIAL HERITAGE IN THE DEVELOPMENT OF TOURISM IN THE REGION OF LODZ* 1491**Marek Kozak***IMPACT OF COHESION POLICY ON POLAND* 1094

16:15 - 18:00

Room 111\_Wed\_4

*O Session*

**G. GLOBALISATION AND REGIONAL COMPETITIVENESS**

*Chair: Ola Jonsson*

**Olena Slozko**

*PECULIARITY TRANSFORMATION OF MODERN ECONOMIES (EXAMPLE OF UKRAINE)* 352

**Franz Kronthaler, Katharina Becker, Christian Hauser**

*CORRUPTION PREVENTION AS A NEW CHALLENGE FOR SMES IN A GLOBALIZED WORLD* 189

**Anastasia Nikoli, Fotini Zigouri**

*REGIONAL IDENTITIES AND COMPETITIVENESS IN A GLOBALISED ENVIRONMENT:  
NEW CHALLENGES FOR GREEK REGIONS.* 897

**Alejandra Trejo, Cristina Ibarra**

*OUTCOMES OF TERRITORIAL COMPETITION AND THE ROLE  
OF INTERGOVERNMENTAL TRANSFERS AMONG MEXICAN REGIONS* 1486

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*THE MOBILITY CAPACITY OF THE MANUFACTURING MULTINATIONAL ENTERPRISE:  
A FRAMEWORK AND TWO CASE STUDIES* 1787

**Ola Jonsson**

*STRUCTURAL CHANGE AND VITALIZING STRATEGIES. THE CASE OF REGION SKANE,  
SWEDEN.* 1466

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16:15 - 18:00

Room 112\_Wed\_4

*O Session*

**P. GEOGRAPHICAL INFORMATION SYSTEMS AND SPATIAL ANALYSIS**

*Chair: Roberto Antonietti*

**Miguel Gómez, Stuart Sweeney**

*INTRAURBAN INDUSTRIAL LOCATION: A MODEL FOR THE SPATIAL PATTERN OF MADRID  
ELECTRONIC INDUSTRIAL ESTABLISHMENTS* 132

**António Rodrigues**

*DETERMINING THE EFFECTS OF CENTRAL-PERIPHERAL INTERACTIONS ON THE  
DISTRIBUTION OF HUMAN ACTIVITY IN SPACE* 1586

**Marta R. Casanova, Vicente Orts, Jose M. Albert, Jorge Mateu**

*DISTANCE-BASED METHODS: RIPLEY'S K FUNCTION VS. K DENSITY FUNCTION* 737

**Jonathan Reades, Duncan Smith**

*MAPPING THE INFORMATIONAL ECONOMY: USING TELECOMMUNICATIONS AND  
EMPLOYMENT DATA TO UNDERSTAND THE GREATER SOUTHEAST OF ENGLAND* 919

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*KIBS AND THE CITY. VERTICAL DISINTEGRATION AND URBAN DENSITY IN MILAN* 665

*O Session*

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

*Chair: Tobias Kronenberg*

- Lorenzo Giovanni Bellù, Vito Cistulli, **Stefano Marta**, Francesco Timpano  
*ASSESSING REGIONAL COMPETITIVENESS: ANALYSIS OF STOCK INDICATORS AND FLOWS VARIABLES.* 765
- Maaïke C. Bouwmeester**, Jan Oosterhaven  
*METHODOLOGICAL ASPECTS OF INTERNATIONAL ENVIRONMENTAL ACCOUNTING OF CO2 AND WATER USE IN INPUT-OUTPUT MODELS* 1673
- Anthony Flegg, Timo Tohmo**  
*REGIONAL INPUT-OUTPUT TABLES AND THE FLQ FORMULA: A CASE STUDY OF FINLAND* 334
- Yoshifumi Ishikawa**, Eveline Leeuwen, Peter Nijkamp  
*TWO ALTERNATIVE METHODS FOR THE CONSTRUCTION OF A THREE-LAYER INTERREGIONAL INPUT-OUTPUT TABLE, NON-SURVEY AND HYBRID TECHNIQUE* 1506
- Tobias Kronenberg**  
*REGIONAL INPUT-OUTPUT MODELS AND THE TREATMENT OF IMPORTS IN THE EUROPEAN SYSTEM OF ACCOUNTS (ESA)* 624

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*Special Session*

**ZZF. SS- UNDERSTANDING FACTORS AND PROCESSES UNDERLYING SPATIAL DEPENDENCE**

*Chair: Vassilis Monastiriotis*

- Ian Gordon, **Vassilis Monastiriotis**  
*ECONOMIC LINKAGES BEHIND SPATIAL DEPENDENCE: AN APPLICATION TO LOCAL UNEMPLOYMENT IN BRITAIN* 1235
- Xiaofei Li**, Brigitte Waldorf, Raymond Florax  
*RENT SHIFTS IN AMERICAN RENTAL HOUSING MARKETS, 2000-2009: DIRECTIONAL HETEROGENEITY IN DISTANCE DECAY PATTERNS* 1493
- Anne Margarian**  
*SMALL SCALE ECONOMIC DIFFERENTIATION A MULTI-LEVEL ANALYSIS WITH INDIRECT CLOSURE* 1340
- Vassilis Monastiriotis, Ian Gordon**  
*SPEAK YOUR WEIGHT: A FLEXIBLE METHOD FOR ESTIMATING THE COMPONENTS OF WEIGHTS MATRIX* 1241

16:15 - 18:00

Room 115\_Wed\_4

*O Session***V. TOURISM, CULTURAL INDUSTRIES AND REGIONAL DEVELOPMENT***Chair: Bienvenido Ortega*

- Elena Maggi**, Fabrizio Stupino, Franco Fredella  
*A MULTI-AGENT SIMULATION APPROACH TO SUSTAINABILITY IN TOURISM DEVELOPMENT* 948
- Adi Weidenfeld**, Richard Butler  
*COOPERATION AND COMPETITION IN TOURIST DESTINATIONS THROUGH THE STAGES OF THE TOURISM AREA LIFE CYCLE* 375
- Cheng Hsien -Hsin**, Chen Chengche  
*APPLICATION OF DIGITIZING METHODS TO URBAN AREA WITH AN EXAMPLE-- ZONG-YE HISTORIC DISTRICT, TAINAN CITY* 1240
- Andre Carrascal-Incera**  
*A BI-REGIONAL INPUT-OUTPUT MODEL FOR GALICIA AND THE REST OF SPAIN: ESTIMATING SPILLOVER AND FEEDBACK EFFECTS OF TOURISM.* 1652
- Bienvenido Ortega**  
*CONSEQUENCES OF THE SURGE OF NEW HOTELS ON LABOUR PRODUCTIVITY GROWTH IN THE SPANISH HOSPITALITY SECTOR.* 151

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Room 116\_Wed\_4

*O Session***N. ENTREPRENEURSHIP, NETWORKS AND INNOVATION***Chair: Hans Westlund*

- Eleonora Cutrini**, Francesca Spigarelli  
*INDUSTRIAL UPGRADING IN PRODUCER-DRIVEN NETWORKS: PUSHING SERBIAN COMPANIES IN THE INTERNATIONAL VALUE CHAIN* 717
- Isidoro Romero**, Juan Antonio Martínez-Román  
*INNOVATION IN SMALL FIRMS. AN ANALYSIS FOR SPANISH REGIONS* 1096
- Justyna Anders**  
*IMPACT OF ADMINISTRATIVE ENVIRONMENT ON OPPORTUNITY AND NECESSITY ENTREPRENEURSHIP IN EUROPE.* 1006
- Maksim Belitski**, Julia Korosteleva  
*ENTREPRENEURSHIP AND CITIES: EVIDENCE FROM THE POST-COMMUNIST WORLD* 288
- Hans Westlund, Amy Olsson**  
*ECONOMIC ENTREPRENEURSHIP, STARTUPS AND THEIR EFFECTS ON LOCAL DEVELOPMENT: THE CASE OF SWEDEN* 327

*O Session*

**O. INNOVATION, KNOWLEDGE, ECONOMY AND REGIONAL DEVELOPMENT**

*Chair: Gunther Maier*

**Laura Diaconu**

*THE ROLE OF INNOVATION FOR THE ECONOMIC GROWTH AND DEVELOPMENT OF THE STATES. THE CASE OF THE EMERGING COUNTRIES* 391

**Jan Stejskal, Katerina Matatkova**

*THE ANALYSIS OF THE REGIONAL INNOVATION SYSTEMS CZECH CASE* 61

**Franz Toedtling, Markus Grillitsch, Christoph Höglinger**

*PRODUCT-, PROCESS- AND ORGANISATIONAL INNOVATIONS: INTERNAL COMPETENCES AND EXTERNAL KNOWLEDGE SOURCING OF FIRMS AS INFLUENCING FACTORS IN SELECTED EUROPEAN REGIONS* 298

**Maria Manuela Natário, Joao Pedro Couto, Ascensao Maria Braga, Teresa Maria Tiago**

*DYNAMICS OF INNOVATION IN EUROPEAN REGIONS* 466

**Gunther Maier, Michaela Trippl**

*NEW KNOWLEDGE FOR OLD REGIONS: THE CASE OF THE SOFTWARE PARK HAGENBERG IN THE TRADITIONAL INDUSTRIAL REGION OF UPPER AUSTRIA* 1830



*Special Session*

**ZZP. SS-KNOWLEDGE, INNOVATION AND ECONOMIC GEOGRAPHY**

*Chair: Philip McCann*

**Simon Parker**

*THEORIES OF ENTREPRENEURSHIP, INNOVATION AND THE BUSINESS CYCLE* 1859

**Zoltan Acs**

*ENTREPRENEURSHIP, INNOVATION AND CITIES* 1856

**Frank Van Oort, Martijn Burger, Otto Raspe**

*AGGLOMERATION, INNOVATION AND THE PRODUCTIVITY AND GROWTH OF FIRMS. A SURVEY AND ASSESSMENT OF RECENT APPLICATIONS USING MULTILEVEL MODELLING* 1853

*O Session*

**L. SUSTAINABILITY ISSUES**

*Chair: Paul Waddell*

**Robert Schoenduwe, Steffen Lauf**

*IMPROVING LIFE QUALITY WITH LAND USE MODELING - A COMBINED MODEL APPROACH*

770

**Christophe Heyndrickx, Natalia Tourdyeva, Victoria Alexeeva-Talebi**

*THE SISTRUS MODEL: A CGE MODEL ON REGIONAL LEVEL FOR SUSTAINABILITY POLICIES IN RUSSIA*

1565

**Aruna Sivakumar, James Keirstead, John Polak**

*AN INTEGRATED MODEL OF RESOURCE DEMANDS AND SUPPLY IN URBAN ENERGY SYSTEMS*

1749

**Yasuhiro Takarada, Weijia Dong, Takeshi Ogawa**

*SHARED RENEWABLE RESOURCE AND INTERNATIONAL TRADE: TECHNICAL MEASURES FOR RESOURCE MANAGEMENT*

449

**Paul Waddell, Daniel Aliaga**

*URBANVISION: DESIGNING, SIMULATING AND VISUALIZING SUSTAINABLE COMMUNITIES*

1035

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*Special Session*

**ZZU. SS- KNOWLEDGE COMMERCIALIZATION AND VALORIZATION IN REGIONAL ECONOMIC DEVELOPMENT: NEW APPROACHES AND CONCEPTS**

*Chair: Tuzin Baycan*

*O Session***I. REGIONAL POPULATION CHANGE, MIGRATION, DIASPORAS AND DVLP***Chair: Luis Díaz-Serrano***Denis Requier-Desjardins**

*MIGRATIONS, REMITTANCES AND LOCAL DEVELOPMENT IN SOUTHERN COUNTRIES:  
DUTCH DISEASE OR RESIDENTIAL ECONOMY?* 156

**Merja Kauhanen, Mari Kangasniemi**

*WHO LEAVES AND WHO STAYS? OUTMIGRATION OF ESTONIAN IMMIGRANTS  
FROM FINLAND AND ITS IMPACT ON ECONOMIC ASSIMILATION* 810

**Zizi Goschin, Monica Roman, Aura Popa**

*DETERMINANTS OF ROMANIAN INTERNATIONAL MIGRANTS' REMITTANCES* 1001

**Zizi Goschin, Monica Roman**

*RELIGIOUS AFFILIATION AND ECONOMIC PERFORMANCE OF ROMANIAN EMIGRANTS.  
AN EMPIRICAL APPROACH* 686

**Sascha Sardadvar, Ursula Karl-Trummer**

*MIGRATION STATUS AS A DETERMINANT ON HEALTH: EVIDENCE FROM AUSTRIA* 1328

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*IS THERE DISCRIMINATORY MORTGAGE PRICING AGAINST IMMIGRANTS  
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*Special Session***ZR. SS- WAGES AND REGIONAL LABOUR MARKETS***Chair: Victor Montuenga***Michaela Limardi**

*THE AMBIGUOUS OUTCOME OF NGOS' ACTIVISM IN DEVELOPING COUNTRIES* 1698

**Aleksandra Rogut, Zbigniew Zolkiewski**

*MINIMUM WAGE IN POLAND: ECONOMY-WIDE OR REGIONALLY DIFFERENTIATED?* 1698

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*INVESTIGATING WAGE CURVE: EVIDENCE FROM 2004-2008 TURKISH HOUSEHOLD  
BUDGET SURVEYS* 458

**Victor Montuenga, Roberto Bande, Melchor Fernandez**

*WAGE FLEXIBILITY AND LOCAL LABOUR MARKETS: HOMOGENEITY OF THE WAGE  
CURVE IN SPAIN* 414

*High Level Session: The Big Thinkers & The Big Five in one day*

**PANEL: THE BIG FIVE - THE FUTURE OF THE URBAN WORLD**

*Chair: Peter Nijkamp*

**Paul Chesire**

*BIGGER, CLEANER, BRIGHTER: MORE FUN BUT MORE UNEQUAL*

1913

**Manfred Fisher**

*TO BE ANOUNCED*

1914

**Geoffrey Hewings**

*TO BE ANOUNCED*

1915

**Piet Rietveld**

*TO BE ANOUNCED*

1916

**Roger Stough**

*THE RISE AND FALL OF THE EXURBAN FRONTIER*

1917

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8:45 - 10:30

Aula Magna\_Thu\_1

*Plenary Session 3*

**000. NO THEME ALLOCATED**

**David Audretsch**

*ENTREPRENEURSHIP AND REGIONS*

1903

**Maryanne Feldman**

*THE CHARACTER OF PLACE*

2001

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11:00 - 12:45

Sala d'Actes\_Thu\_2

*Special Session*

**ZB. SS- DO WE NEED PLACE-BASED POLICIES?**

*Chair: Mark Partridge*

**Henry Overman**

*URBAN RENEWAL AND REGIONAL GROWTH: MUDDLED OBJECTIVES AND LITTLE PROGRESS*

628

**Philip McCann**

*THE CASE FOR PLACE-BASED POLICIES: OBSERVATIONS FROM THE REFORMS OF EU COHESION POLICY*

1898

**Andrés Rodríguez-Pose**

*PLACE-BASED APPROACHES FROM AN INTERNATIONAL PERSPECTIVE*

198

**Mark Partridge**

*DO WE STILL NEED RURAL PLACE-BASED POLICY IN AN URBANIZING WORLD?*

186

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11:00 - 12:45

Room 124\_Thu\_2

*Special Session*

**ZD. SS- RETAIL AND LOCAL AND REGIONAL DEVELOPMENT**

*Chair: Dionysia Lambiri*

**Aloys Borgers, Harry Timmermans, Ingrid I. Janssen**

*PERIPHERAL RETAIL PLANNING DECISIONS: STAKEHOLDERS' PREFERENCES AND ADAPTIVE BEHAVIOUR*

1884

**Les Dolega, Neil Wrigley**

*THE UK HIGH STREET DURING ECONOMIC CRISIS*

1842

**Andy Newing, Graham Clarke**

*ESTIMATING TOURIST DEMAND IN RETAIL LOCATION MODELS*

1252

**Dirk Stelder**

*ENDOGENOUS FORMATION OF SPATIAL MONOPOLY FOR MULTI-ESTABLISHMENT FIRMS; MODELING ALTERNATIVES AND AN EMPIRICAL STUDY FOR SUPERMARKETS IN THE NETHERLANDS*

40

11:00 - 12:45

Room 3\_Thu\_2

*R Session***L. SUSTAINABILITY ISSUES***Chair: Maria Isabel Mendes***Luigi Mundula, Lanfranco Senn***MANAGING THE COMPLEXITY: DECISION MAKING PROCESS ON SUSTAINABLE MOBILITY*

1017

**Elisa Gatto, Guido Signorino***LONG-RUN RELATIONSHIP BETWEEN CROP-BIODIVERSITY AND CEREAL PRODUCTION UNDER THE CAP REFORM: EVIDENCE FROM ITALIAN REGIONS*

964

**Sabrina Lai***MANAGEMENT PLANS FOR NATURA 2000 SITES AND THE WIDER PLANNING SYSTEM: IMPERFECT ADVANCEMENTS FROM SARDINIA (ITALY).*

1508

**Maria Isabel Mendes***METHODOLOGICAL ISSUES FOR ESTIMATING THE TOTAL VALUE OF THE REHABILITATION OF MINING FIELDS: THE CASE OF S. DOMINGOS*

1845

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11:00 - 12:45

Room 4\_Thu\_2

*Special Session***ZZB. SS- INDUSTRIAL DISTRICTS AND CLUSTERS FACING GLOBALIS.***Chair: Manuel Lopez-Estornell***Jaime Del Castillo, Jonatan Paton***CLUSTER IDENTIFICATION AND ANALYSIS: FOUR REGIONAL CASES IN SPAIN*

1835

**Luis Martínez-Cháfer, Josep Capó-Vicedo, F. Xavier Molina-Morales***THE ROLE OF LOCAL INSTITUTIONS IN THE TRANSMISSION OF INFORMATION AND KNOWLEDGE IN INDUSTRIAL DISTRICTS. A SOCIAL NETWORKS ANALYSIS*

1521

**Manuel Lopez-Estornell***THE DIFFUSION OF KNOWLEDGE IN INDUSTRIAL DISTRICTS AND CLUSTERS*

368

*O Session***S. INFRASTRUCTURE, TRANSPORTS AND COMMUNICATIONS***Chair: Paul Waddell***Dany Nguyen-Luong**

*A NEW METHODOLOGY FOR A HOUSEHOLD TRAVEL SURVEY BY ASSOCIATING A GPS,  
A GIS AND AN EXPERT SYSTEM: RESULTS OF AN EXPERIMENTATION IN PARIS REGION* 813

**Alexv Hagen-Zanker, Ying Jin**

*ADAPTIVE ZONING AS A MECHANISM FOR HIGH RESOLUTION, LARGE SCALE MODELLING  
OF ACTIVITY PATTERNS, TRANSPORT MODE CHOICES AND TRAFFIC ASSIGNMENT* 1719

**Mihai Tivadar**

*COMMUTING MODELLING AND URBAN TRANSPORTATION POLICIES: APPLICATION  
FOR LENS AREA* 1287

**Christophe Heyndrickx, Olaf Koops, Olga Ivanova**

*THE TIGER MODEL: APPLICATION OF DETAILED PASSENGER AND FREIGHT  
TRANSPORT IN A REGIONAL CGE SETTING* 1571

**Emmanouil Tranos, Aura Reggiani, Peter Nijkamp**

*PHYSICAL AND VIRTUAL SPATIAL NETWORKS: A COMPARISON BETWEEN  
THE COMMUTING AND THE INTERNET NETWORK AMONG GERMAN DISTRICTS* 1434

**Fletcher Foti, Paul Waddell**

*MEASURING ACCESS AT A PARCEL LEVEL TO IMPROVE LAND USE AND  
TRANSPORTATION MODELING AND PLANNING* 1037

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*Special Session***ZZH. SS- TRANSPORT INVESTMENT AND REGIONAL ECONOMIC  
DEVLPT***Chair: Mateu Turró***Hector Tapia, Mateu Turró**

*EVALUATION OF THE SPATIAL IMPACTS OF IMPROVED CONNECTIVITY FROM URBAN  
TRANSPORT INVESTMENTS. A GIS (GEOGRAPHIC INFORMATION SYSTEM) APPLICATION  
OF THE ICON INDICATOR FOR URBAN AREAS.* 541

**Yoshitsugu Kanemoto**

*SECOND-BEST COST-BENEFIT ANALYSIS WITH A MICROFOUNDATION OF URBAN  
AGGLOMERATION* 439

**José Luis Roig, Anna Matas, Josep Lluis Raymond**

*WAGES AND ACCESSIBILITY: THE IMPACT OF TRANSPORT INFRASTRUCTURE  
IMPROVEMENTS* 780

**Ana Condeco, Inmaculada Álvarez, Javier Gutiérrez, Jose L. Zoffio**

*INTEGRATING NETWORK ANALYSIS AND INTERREGIONAL TRADE TO STUDY THE  
SPATIAL IMPACT OF TRANSPORT INFRASTRUCTURE USING PRODUCTION FUNCTIONS* 812

11:00 - 12:45

Room 7\_Thu\_2

*O Session***S. INFRASTRUCTURE, TRANSPORTS AND COMMUNICATIONS***Chair: Katia Andrade***Maik Hoemke**

*SPATIAL AND SOCIAL TRANSFORMATION AS REGIONAL DEVELOPMENT. IMPACT OF NEW TRANSPORT INFRASTRUCTURE* 50

**Giovanni RABINO**

*SPATIAL MORPHOLOGIES, CONSTRUCTAL THEORY AND THE GOVERNANCE OF URBAN SPRAWL* 835

**Seiichi Kagaya, Masaru Uraoka, Ami Kato**

*EFFECTS ON SERVICE IMPROVEMENT OF TRANSPORT IN VIEW OF URBAN SUSTAINABILITY* 450

**Senay Oguztimur, Metin Canci**

*URBAN LOGISTICS IN MASTER PLAN AND A REVIEW ON ISTANBUL MASTER PLAN* 830

**Elena Maggi, Romeo Danielis, Lucia Rotaris, Eva Valeri**

*CITY LOGISTICS: ACTORS, PRIVATE AND SOCIAL EFFICIENCY AND POLICIES ON THE BASIS OF AN ITALIAN CASE STUDY* 1488

**Katia Andrade, Lee Woods, Seiichi Kagaya**

*CYCLING IN JAPAN AND GREAT BRITAIN: A PRELIMINARY DISCUSSION* 1052

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11:00 - 12:45

Room 8a\_Thu\_2

*R Session***A. REGIONAL ECONOMIC GROWTH AND DEVELOPMENT***Chair: Francesco Pigliaru***Katharina Pijnenburg, Konstantin A. Kholodilin**

*DO REGIONS WITH ENTREPRENEURIAL NEIGHBORS PERFORM BETTER? A SPATIAL ECONOMETRIC APPROACH FOR GERMAN REGIONS* 58

**Alberto Dalmazzo, Antonio Accetturo, Guido de Blasio**

*SKILL-BIASED SHARE-ALTERING TECHNICAL CHANGE IN SPATIAL GENERAL EQUILIBRIUM* 83

**Stefano Magrini, Margherita Gerolimetto**

*A SPATIAL NONPARAMETRIC ANALYSIS OF LOCAL MULTIPLIERS* 1692

**Francesco Pigliaru, Luciano Mauro**

*SOCIAL CAPITAL, INSTITUTIONS AND GROWTH: FURTHER LESSONS FROM THE ITALIAN REGIONAL DIVIDE* 1866

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11:00 - 12:45

Room 8b\_Thu\_2

*O Session*

## **A. REGIONAL ECONOMIC GROWTH AND DEVELOPMENT**

*Chair: Daniel Shefer*

**Marte Bjørnsen**, Gudbrand Lien, Timo Sipiläinen

*THE PRODUCTIVITY PERFORMANCE OF FINNISH AND NORWEGIAN DAIRY FARMS:  
THE EFFECT OF JOINING/NOT JOINING THE EU* 793

**Gianluigi Coppola**, Sergio Destefanis

*THE IMPACT OF EU STRUCTURAL FUNDS IN ITALY: A MALMQUIST INDEX APPROACH.* 1510

**Alfredo Paloyo**, Timo Mitze

*THE IMPACT OF FIRM SUBSIDIES ON REGIONAL CONVERGENCE IN GERMANY* 400

**Margherita Mori**

*REDEVELOPMENT AFTER THE ABRUZZO EVENT* 259

**Daniel Shefer**

*THE CENTER-PERIPHERY DILEMMA AND THE ISSUE OF EQUITY IN REGIONAL  
DEVELOPMENT* 1192

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11:00 - 12:45

Room 9a\_Thu\_2

*O Session*

## **D. AGGLOMERATION, CLUSTERS AND POLICY**

*Chair: Ludo Peeters*

**Alina - Irina Popescu**

*REVIEW OF HIGHER EDUCATION'S CONTRIBUTION TO REGIONAL DEVELOPMENT  
IN ROMANIA* 1327

**Sofia Wixe**

*SKILLS, EDUCATION AND PRODUCTIVITY IN THE SERVICE SECTOR - FIRM LEVEL  
EVIDENCE ON THE PRESENCE OF EXTERNALITIES* 754

**Balz R. Bodenmann**

*MODELLING FIRM (RE-)LOCATION CHOICE IN URBANSIM* 1091

**Ferhan Gezici**, Kemal Çetin

*THE CONCENTRATION PATTERN OF MANUFACTURING FIRMS IN ISTANBUL  
METROPOLITAN AREA* 146

**Christoph Hornych**

*AGGLOMERATION AND NETWORK POSITION AS DETERMINANTS OF FIRM  
PERFORMANCE - EVIDENCE FROM GERMAN PHOTOVOLTAIC CLUSTERS* 117

**Ludo Peeters**

*AGGLOMERATION ECONOMIES AT THE FIRM LEVEL: EXAMINING PRODUCTIVITY GAINS  
FROM SPATIAL AND INDUSTRIAL PROXIMITY IN BELGIAN MANUFACTURING FIRMS* 740

11:00 - 12:45

Room 9b\_Thu\_2

*O Session***B. RURAL AND LOCAL DEVELOPMENT***Chair: Christopher Bryant***SeongWoo Lee, Il Hong Jung, DeokHo Cho***THE EFFECTS OF RURAL DEVELOPMENT POLICIES ON FARMERS IN KOREA:  
APPLICATION OF SPATIAL ECONOMETRICS WITH DECOMPOSITION METHOD*

443

**Panagiotis Stratakis***ORGANIC FARMING IN GREECE: EXPLORING THE RELATED INDICATORS*

1646

**Bernard Mondy, Jean-Louis Vincq, Agnes Terrieux***FROM «PROFESSIONAL SPACES» TO "A NETWORK OF LOCAL FOODS SYSTEMS"*

1664

**Christopher Bryant, Ghalia Chahine***LOCAL DEVELOPMENT AND SUSTAINABLE PERIURBAN AGRICULTURE:  
NEW MODELS AND APPROACHES FOR AGRICULTURAL LAND CONSERVATION*

844

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11:00 - 12:45

Room 10\_Thu\_2

*Special Session***ZZV. SS- 1ST EUROPEAN MEETING OF THE UEA***Chair: Oded Hochman***Hans Koster, Jos Van Ommeren, Piet Rietveld***ESTIMATING FIRMS' DEMAND FOR AGGLOMERATION*

575

**Ioannis Kaplanis, Vassilis Monastiriotis***HUMAN CAPITAL EXTERNALITIES IN THE BRITISH LOCAL LABOUR MARKETS*

646

**Giordano Mion, Wilfried Koch, Kristian Behrens***ON THE LUMPINESS OF SPACE*

577

**Oded Hochman***WELFARE ESTIMATION IN A GENERAL EQUILIBRIUM MODEL WITH CITIES*

596

*Special Session***ZZV. SS- 1ST EUROPEAN MEETING OF THE UEA***Chair: Stefan Bauernschuster*

- Joshua Gottlieb**, Edward Glaeser, Erzo Luttmer, Oren Ziv  
*DO PEOPLE CHOOSE TO BE HAPPY? SUBJECTIVE WELL-BEING ACROSS CITIES* 571
- Javier Vazquez-Grenno, **Jordi Jofre-Monseny**, Pilar Sorribas-Navarro  
*IMMIGRATION AND NATIVES PREFERENCES FOR SOCIAL SPENDING: EVIDENCE FROM A MASSIVE IMMIGRATION WAVE* 642
- Jorge De La Roca**  
*SELECTION IN MIGRATION: EVIDENCE FROM MOVES ACROSS SPANISH CITIES* 644
- Oliver Falck, **Stefan Bauernschuster**, Stephan Heblich, Jens Sudekum  
*SHOULD I STAY (CLOSE BY) OR SHOULD I GO? CULTURE AND INTERNAL MIGRATION* 601

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*O Session***W. URBAN GOVERNANCE AND CITIES REGENERATION***Chair: Daniela Constantin*

- Sinan LEVEND**, Rahmi ERDEM  
*EVALUATING STRATEGICAL SPATIAL PLANNING APPROACH IN CASE OF ISTANBUL* 481
- Ignazio Vinci**  
*PLANNING INNOVATION AND REGIONAL DEVELOPMENT: THE SPREADING OF URBAN STRATEGIC PLANNING IN SOUTHERN ITALY* 1634
- Amparo Maset-Llaudes, Ana M Fuertes-Eugenio, **Pilar Pardo-Forcadell**  
*INTEGRATED URBAN REGENERATION: AN EMPIRICAL STUDY OF THE NORMATIVE FRAMEWORK IN SPANISH REGIONS* 1781
- Justyna Anders**, **Wawrzyniec Rudolf**  
*GOOD GOVERNANCE AND TERRITORIAL MARKETING TWO SIDES OF THE SAME COIN? DEVELOPMENT OF MARKET ORIENTATION THROUGH GOVERNANCE MECHANISMS IN LOCAL GOVERNMENT.* 1002
- Daniela Constantin**, Mariana Dragusin, Marius Profiroiu, Constantin Mitrut, Alina Iosif-Balalia, Raluca Petrescu  
*CLASSIFICATION CRITERIA USED AS BASIS FOR AN EFFECTIVE MUNICIPAL PROPERTY MANAGEMENT* 1603

11:00 - 12:45

Room 102\_Thu\_2

*Special Session***ZE. SS- TERRITORIAL GOVERNANCE***Chair: André Torr  JB Traversac***Elena Gissi, Giuseppina Siciliano***BIOMASS PRODUCTION AND LAND USE MANAGEMENT IN THE ITALIAN CONTEXT:  
REGULATIONS, CONFLICTS, AND IMPACTS*

1413

**Fran oise Alavoine-Mornas, Christine L ger***PERIURBAN FARMERS' LAND USE STRATEGIES AND CONSEQUENCES ON LAND USE  
TERRITORIAL GOVERNANCE*

324

**Audrey Rivaud, Clarisse Cazals***DYNAMICS OF TERRITORIAL GOVERNANCE AND TRANSFORMATIONS OF SPECIFIC  
ECONOMIC ACTIVITY: CONTRIBUTION OF AN ECONOMIC ANALYSIS IN TERMS  
OF LAND USE CONFLICTS.*

1291

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11:00 - 12:45

Room 103\_Thu\_2

*R Session***T. LAND USE REAL ESTATE AND HOUSING MARKETS***Chair: Roberto Cervell  Royo***Roberto Cervell  Royo, Fernando Garc a Garc a, Francisco Guijarro-Mart nez, Ismael Moya-Clemente***HOUSING RANKING: A MODEL OF EQUILIBRIUM BETWEEN BUYERS AND SELLERS  
EXPECTATIONS*

314

**Tam s Krisztin, Eric de Noronha Vaz, Matthias Koch***OF CELLS AND CITIES: A COMPARATIVE ECONOMETRIC AND CELLULAR AUTOMATA  
APPROACH TO URBAN GROWTH MODELING*

1683

**John Mc Breen, Florence Goffette-Nagot, Pablo Jensen***INFORMATION AND SEARCH ON THE HOUSING MARKET: AN AGENT-BASED MODEL*

1395

11:00 - 12:45

Room 104\_Thu\_2

*O Session***Z. TERRITORIAL MARKETING***Chair: Ant nio Azevedo***Wawrzyniec Rudolf***BUILDING LONG-TERM RELATIONSHIP WITH TERTIARY EDUCATION GRADUATES  
AS A MARKETING CHALLENGE FOR A CITY.*

1221

**Ant nio Azevedo***A SUSTAINABLE AND INCLUSIVE CITY: A STRATEGIC PLANNING AND PLACE  
MARKETING "ROADMAP"*

808

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11:00 - 12:45

Room 105\_Thu\_2

*R Session*

## **E. REGIONAL POLICY IN EUROPE**

*Chair: Kari Hamalainen*

**Irena Dokic**

*CROATIAN REGULATORY FRAMEWORK AND ACTORS IN NATIONAL REGIONAL POLICY* 1841

**Yannis Psycharis, George Petrakos**

*THE SPATIAL IMPACT OF ECONOMIC CRISIS IN GREECE* 1051

**Kari Hamalainen**

*THE EVALUATION OF THE FINNISH SELF GOVERNMENT EXPERIMENT* 1170

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11:00 - 12:45

Room 109\_Thu\_2

*Special Session*

## **ZQ. SS- PUBLIC FINANCE AND REGIONAL ECONOMY**

*Chair: Javier Suárez Pandiello*

**Jose Manuel Cordero Ferrera, Francisco Pedraja Chaparro**

*ANALYSIS OF ALTERNATIVE PROPOSALS TO REFORM THE SPANISH INTERGOVERNMENTAL TRANSFER SYSTEM FOR MUNICIPALITIES* 739

**Núria Bosch, Daniel Montolio, Marta Espasa**

*SHOULD LARGE SPANISH CITIES BE FINANCIALLY COMPENSATED? COSTS AND BENEFITS OF BEING A CAPITAL/CENTRAL CITY* 789

**Daniel Montolio, Gilberto Turati, Massimiliano Piacenza**

*FISCAL DECENTRALISATION, PRIVATE SCHOOL FUNDING, AND STUDENTS' ACHIEVEMENTS. A TALE FROM TWO ROMAN CATHOLIC COUNTRIES* 1302

**Maura Francese, Massimiliano Piacenza, Marzia Romanelli, Gilberto Turati**

*UNDERSTANDING INAPPROPRIATENESS IN HEALTH CARE: THE ROLE OF SUPPLY STRUCTURE, PRICING POLICIES AND POLITICAL INSTITUTIONS IN CAESAREAN DELIVERIES* 1439

**Johan Lundberg**

*ON THE DEFINITION OF W IN EMPIRICAL MODELS OF YARDSTICK COMPETITION* 330

11:00 - 12:45

Room 110\_Thu\_2

*Special Session***ZG. SS- JSRSAI 50TH ANNIVERSARY SESSION***Chair: Yoshiro Higano*

- Feng XU**, Nan XIANG, Shanshan WANG, Yang LI, Takeshi MIZUNOYA, Yabar HELMUT  
*COMPREHENSIVE EVALUATION OF ENVIRONMENTAL POLICY FOR WATER  
 POLLUTANTS AND GREENHOUSE GASES REDUCTION IN JIAXING CITY, CHINA* 547
- Tetsuya Takahashi**, Katsuhiko Sakurai, Aoyama Jun, Akifusa Fujioka  
*QUANTITATIVE EVALUATION FOR PROPER BALANCE BETWEEN SOCIO-ECONOMIC  
 AND MARINE ECOSYSTEM IN THE TOKYO BAY BASIN* 1893
- Katsuhiko Sakurai**, Tetsuya Takahashi, Jun Aoyama, Shintaro Kobayashi, Akifusa Fujioka  
*SOCIO-ECONOMIC AND ENVIRONMENTAL MODELING OF THE TOKYO BAY BASIN:  
 COMPARISON OF THE WATER POLLUTANT ESTIMATION IN PROTO-INDUSTRIALIZED  
 AGE AND MODERN AGE* 1889
- Yuzuru Miyata, Indrawan Permana**  
*ANALYSIS OF DYNAMIC INTERACTION IN RURAL-URBAN-NATURAL ENVIRONMENTAL  
 SYSTEM - A SPATIAL MODELING APPROACH -* 1887

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11:00 - 12:45

Room 111\_Thu\_2

*Special Session***ZK. SS- HISTORY AND INSTITUTIONS IN REGIONAL DEVELOPMENT***Chair: Riccardo Crescenzi*

- Feyza Eldeniz**  
*AN ASSESSMENT OF INSTITUTIONAL RESTRUCTURING IN REGIONAL POLICY* 70
- Jean-Baptiste Traversac, Hervé Lanotte**  
*AN ECONOMIC HISTORY OF THE CHAMPAGNE CONTRACTS, LESSONS FOR REGIONAL  
 DEVELOPMENT* 1145
- Luisa Gagliardi, Riccardo Crescenzi, Marco Percoco**  
*THE BRIGHT SIDE OF SOCIAL CAPITAL: HOW "BRIDGING" MAKES ITALIAN PROVINCES  
 MORE INNOVATIVE* 1870
- Guido De Blasio, Guglielmo Barone**  
*LOCAL ELECTORAL RULES AND POLITICAL PARTICIPATION* 418

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11:00 - 12:45

Room 112\_Thu\_2

*O Session*

## **Q. SPATIAL ECONOMETRICS**

*Chair: Jesus Mur*

**Francesca Rossi**

*IMPROVED TEST STATISTICS FOR PURE SPATIAL AUTOREGRESSIVE MODELS* 1190

**Roger Bivand, Tomasz Kossowski, Jan Hauke**

*ON COMPUTING THE JACOBIAN IN SPATIAL MODELS A COMPARISON OF AVAILABLE METHODS* 944

**Joao Marques, Eduardo Castro, Arnab Bhattacharjee**

*THE ROLE OF SPACE IN URBAN HOUSING MARKET* 1420

**Jesus Mur, Marcos Herrera, Manuel Ruiz**

*SELECTING THE W MATRIX. PARAMETRIC VS NONPARAMETRIC APPROACHES* 1055

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11:00 - 12:45

Room 113\_Thu\_2

*O Session*

## **R. NEW FRONTIERS IN REGIONAL SCIENCE: THEORY AND METHODOLOG**

*Chair: Isabel Mota*

**Mikel Navarro, Juan José Gibaja, Susana Franco, Asier Murciego**

*TERRITORIAL BENCHMARKING METHODOLOGY: THE NEED TO IDENTIFY REFERENCE REGIONS* 1585

**Manuel Pérez Montiel, Gislaine Cristina de Souza Rech, Judite Sanson de Bem**

*ECONOMIC CONVERGENCE: A REGIONAL AND SUBREGIONAL VIEW* 712

**Junyi Zhang, Makoto Chikaraishi, Suguru Shindome, Akimasa Fujiwara**

*AN ANALYSIS OF SHOPPERS' SPATIAL CHOICE BEHAVIOR INCORPORATING THE INFLUENCE OF SUBJECTIVE WELL-BEING* 1024

**Makoto Chikaraishi, Junyi Zhang, Shohei Ohya, Akimasa Fujiwara**

*EXPLORING MICROSCOPIC RELATIONSHIPS BETWEEN CAR OWNERSHIP AND RESIDENTIAL LOCATION CHOICE BEHAVIOR OVER LIFE COURSE BASED ON A RETROSPECTIVE LIFE HISTORY SURVEY* 1095

**Ricardo Biscaia, Isabel Mota**

*MODELS OF SPATIAL COMPETITION: A CRITICAL REVIEW* 1518

**Sandra Silva, Isabel Mota, Filipe Grilo**

*THE USE OF GAME THEORY IN REGIONAL ECONOMICS: A QUANTITATIVE RETROSPECTIVE* 1447

*Special Session***ZT. SS- COMPUTABLE GENERAL EQUILIBRIUM IN REGIONAL SCIENCE AND URBAN ECONOMICS***Chair: James Giesecke***Georg Hirte, Stefan Tscharaktschiew***INCOME TAX DEDUCTION OF COMMUTING EXPENSES AND TAX FUNDING  
IN AN URBAN CGE STUDY: THE CASE OF GERMAN CITIES*

274

**Renger Van Nieuwkoop***AN INTEGRATED TRANSPORT NETWORK-COMPUTABLE GENERAL EQUILIBRIUM  
MODEL FOR ZURICH*

164

**Jouko Kinnunen, Bjarne Lindström***A STUDY OF CLUSTER IMPACTS AND THE FUTURE OF THE SHIPPING INDUSTRY  
IN ÅLAND ISLANDS*

165

**James Giesecke, Adam Rose, Todd Muehlenbeck, William Burns, Anthony Barrett***ECONOMIC CONSEQUENCES OF AN INDUSTRIAL CHLORINE SITE TERRORIST ATTACK  
IN LOS ANGELES: IMPLICATIONS FOR EMERGENCY MANAGEMENT AND RECOVERY  
DECISION-MAKING*

1025

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*R Session***V. TOURISM, CULTURAL INDUSTRIES AND REGIONAL DEVELOPMENT***Chair: Eduardo Haddad***Mira G. Baron, Natalia Zaitsev***FORECASTING THE NUMBER OF VISITORS IN A UNIQUE RECREATIONAL  
SITE- A RETROSPECTIVE VIEW*

834

**Paula Remoaldo, Laurentina Vareiro, José Cadima***ISSUES ON THE RESIDENTS' PERCEPTIONS OF THE IMPACTS OF TOURISM  
DEVELOPMENT: THE CASE-STUDY OF GUIMARÃES*

1658

**Eduardo Haddad, Alexandre Porsse, Wilson Rabahy***TOURISTS EXPENDITURE MULTIPLIERS: WHAT DIFFERENCE DO FINANCING  
SOURCES PLAY?*

837

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11:00 - 12:45

Room 116\_Thu\_2

*O Session*

## **N. ENTREPRENEURSHIP, NETWORKS AND INNOVATION**

*Chair: Georgios Fotopoulos*

- Heike Delfmann, Sierdjan Koster**  
*THE IMPACT OF SOCIETAL CHANGE ON ENTREPRENEURSHIP* 393
- Federico Pablo-Marti, **Antonio García-Tabuenca**, José Luis Crespo-Espert  
*ENTREPRENEURIAL WOMEN, DIFFERENTIAL BEHAVIOURS AND BUSINESS INNOVATION* 1130
- Andres Jung, Cecilia Plottier**  
*FIRM GROWTH IN A REGIONAL TRADE INTEGRATION CONTEXT* 1502
- Katharina Becker, **Franz Kronthaler**, Kerstin Wagner  
*NEW FIRMS IN EAST SWITZERLAND - THE EVALUATION OF CHALLENGES IN THEIR FIRST YEARS OF EXISTENCE* 190
- Georgios Fotopoulos**  
*REGIONAL BUSINESS DEMOGRAPHICS IN THE UK: ON THE EFFECT OF HUMAN CAPITAL AND AGGLOMERATION ECONOMIES.* 1111

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11:00 - 12:45

Room 117\_Thu\_2

*R Session*

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

*Chair: Davide Fantino*

- Emanuele Fabbri, **Luciana Lazzeretti**  
*TRANSVERSALITY, TECHNOLOGICAL TRANSFER NETWORKS AND POLICY IMPLICATIONS: THE CASE OF REGIONAL INNOVATION POLICIES IN TUSCANY REGION (SDP 2000-2006)* 507
- Marta Foddi**, Raffaele Paci, Alessandra Colombelli  
*THE KNOWLEDGE REGIONS IN THE ENLARGED EUROPE* 1140
- Iris Wanzenböck, Thomas Scherngell**, Fischer Manfred  
*HOW DO DISTINCT FIRM CHARACTERISTICS AFFECT BEHAVIOURAL ADDITIONALITIES OF PUBLIC R&D SUBSIDIES? EMPIRICAL EVIDENCE FROM A BINARY REGRESSION ANALYSIS* 297
- Davide Fantino**, Giusy Cannone  
*THE EVALUATION OF THE EFFICACY OF THE R&D EUROPEAN FUNDS IN PIEDMONT* 228

11:00 - 12:45

Room 118\_Thu\_2

*Special Session***ZZC. SS-MODELLING THE KNOWLEDGE-BASED REGIONAL ECONOMY***Chair: Enrique López-Bazo***Laura de Dominicis***STRUCTURAL CHANGES IN THE EUROPEAN KNOWLEDGE ECONOMY: A SHIFT-SHARE ANALYSIS.*

461

**Ben Gardiner***RHOMOLO: A DYNAMIC GENERAL EQUILIBRIUM MODELLING APPROACH TO THE EVALUATION OF THE EU'S REGIONAL POLICIES*

672

**Fabio Manca, Giuseppe Piroli***HUMAN CAPITAL, R&D AND PRODUCTIVITY CONVERGENCE OF EUROPEAN REGIONS. A SPATIAL ANALYSIS OF RHOMOLO'S SEMI ENDOGENOUS GROWTH APPROACH.*

816

**Enrique López-Bazo, Burhan Can Karahasan***THE SPATIAL DISTRIBUTION OF HUMAN CAPITAL: CAN IT REALLY BE EXPLAINED BY REGIONAL DIFFERENCES IN MARKET ACCESS?*

1122

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11:00 - 12:45

Room 119\_Thu\_2

*O Session***L. SUSTAINABILITY ISSUES***Chair: Michael Saunders***Jorge Cerda, Carlos Marmolejo, Josep Roca***A MODEL TO EVALUATE THE ENVIRONMENTAL AND ENERGETIC EFFICIENCY OF THE TERRITORIAL FUNCTIONALITY (TRANSPORT AND ACTIVITY LOCATION)*

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**Poulicos Prastacos, Eleftherios Mantelas***AN ANALYSIS OF THE GROWTH AND THE DENSITIES IN THE ATHENS METROPOLITAN AREA USING INFORMATION ON THE AGE OF THE BUILDING STOCK*

1607

**Pnina Plaut, Gilad Hazan***'SPATIAL PROFILES': AN ASSESSMENT TOOL FOR URBAN SUSTAINABILITY*

959

**Duncan Smith***POLYCENTRICITY, TRAVEL SUSTAINABILITY AND EMPLOYMENT SPECIALISATION IN THE LONDON REGION*

1414

**Michael Saunders***ENERGY, CARBON AND COST BENEFITS OF BUS NETWORK OPTIMISATION IN THE CITY OF BATUMI, REPUBLIC OF GEORGIA*

339

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11:00 - 12:45

Room 121\_Thu\_2

*Special Session*

**ZZ. SS- INTERREGIONAL MIGRATION**

*Chair: John Carruthers*

**Petra De Jong**

*RESIDENTIAL MOVING BEHAVIOUR OF ELDERLY* 395

**John Carruthers, Natasha Duncan, Brigitte Waldorf**

*PUBLIC AND SUBSIDIZED HOUSING AS A PLATFORM FOR BECOMING A UNITED STATES  
CITIZEN* 73

**Francesco Losurdo, Ivano Dileo**

*SOUND OR MISLEADING FACING TO GLOBALIZATION: SOME SKETCHES ABOUT  
THE NEW ECONOMIC GEOGRAPHY.* 927

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11:00 - 12:45

Room 122\_Thu\_2

*O Session*

**I. REGIONAL POPULATION CHANGE, MIGRATION, DIASPORAS  
AND DVLP**

*Chair: Hermanus Geyer*

**Burge Elvan Erginli, Tuzin Baycan**

*ANALYSIS OF INTRA-METROPOLITAN MOBILITY IN MARMARA REGION* 125

**Rafael González-Val, Arturo Ramos-Gutiérrez, Fernando Sanz-Gracia**

*SIZE DISTRIBUTIONS FOR ALL CITIES: LOGNORMAL AND Q-EXPONENTIAL FUNCTIONS* 554

**Tatiana Blinova**

*ADULT MORTALITY IN RUSSIAN RURAL AREAS: INTER-REGIONAL COMPARISONS* 588

**Deniz Ay**

*INVOLUNTARY RESETTLEMENT: A BY-PRODUCT OF REGIONAL DEVELOPMENT PROJECTS* 1653

**Ivan Šotkovský**

*SPATIAL TYPOLOGY OF THE POPULATION GROWTH IN EUROPEAN UNION AFTER 1990* 1752

**Hermanus Geyer**

*DIFFERENTIAL URBANIZATION THE IMPACT OF POPULATION REDISTRIBUTION  
PATTERNS ON THE METROPOLITAN REGIONS OF SOUTH AFRICA SINCE 1996* 1319

11:00 - 12:45

Room 123\_Thu\_2

*O Session***K. SPATIAL ISSUES OF THE LABOUR MARKET***Chair: Stein Ostbye***Michael Carroll**, Neil Reid, Xinyue Ye*SPATIAL AND TEMPORAL PATTERNS OF THE RECENT RECESSION*

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**Dimitris Kallioras**, Yorgos Kandylis, Nikos Kromyidakis, Panagiotis Pantazis*DEFINITION OF LOCAL LABOR MARKET AREAS IN GREECE ON THE BASIS OF TRAVEL-TO-WORK FLOWS*

75

**Sascha Sardadvar**, Silvia Rocha-Akis*A SPATIAL ECONOMETRIC ANALYSIS OF INTERREGIONAL MIGRATION PATTERNS WITHIN EUROPE*

1334

**Bastian Alm***DO JOB MOVERS REALLY BENEFIT FROM CHANGING THE WORKPLACE? AN ANALYSIS FOR GERMANY*

1512

**Peter Huber***DO COMMUTERS SUFFER FROM JOB-EDUCATION MISMATCH?*

112

**Stein Ostbye**, Mikko Moilanen, Hannu Tervo, Olle Westerlund*THE CREATIVE CLASS: DO JOBS FOLLOW PEOPLE OR DO PEOPLE FOLLOW JOBS?*

1042

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14:00 - 15:45

Aula Magna\_Thu\_3

*Keynote Lecture***REGIONAL POLICY AND DEVELOPMENT****Johannes Hahn***EU COMMISSIONER FOR REGIONAL POLICY*

1904

**Joaquim Oliveira-Martins***HEAD OF THE REGIONAL DEVELOPMENT DIVISION AT OECD***Chairperson: Philip McCann***ADVISER TO COMMISSIONER HAHN*

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16:15 - 18:00

Sala D'Actes\_Thu\_4

*Special Session*

**ZA. SS- THE DETERMINANTS OF REGIONAL MIGRATION**

*Chair: Andres Rodriguez-Pose*

**Mark Partridge**, Dan Rickman, Belal Fallah, Mike Betz

*COUNTRY ROAD TAKE ME HOME: MIGRATION PATTERNS IN THE APPALACHIA  
AMERICA AND PLACE-BASED POLICY*

283

**Alessandra Faggian**

*THE EFFECT OF INTERNAL MIGRATION ON GRADUATE SALARIES IN GREAT BRITAIN*

1464

**Richard Sellner**, Manfred Fischer

*HUMAN CAPITAL FLOWS IN THE UK - EVIDENCE FROM A SPATIAL INTERACTION  
MODELING PERSPECTIVE*

60

**Andrés Rodríguez-Pose**, Tobias Ketterer

*DO WE FOLLOW THE MONEY? THE DRIVERS OF MIGRATION ACROSS REGIONS IN THE EU*

191

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16:15 - 18:00

Room 124\_Thu\_4

*Special Session*

**ZD. SS- RETAIL AND LOCAL AND REGIONAL DEVELOPMENT**

*Chair: Eveline Van Leeuwen*

**Michelle Lowe**

*INNOVATIVE RETAIL AND THE UK GROWTH AGENDA*

1194

**Graham Clarke**, Christopher Thompson, Mark Birkin

*EXPLORING THE GEOGRAPHY OF E-COMMERCE IN UK GROCERY RETAILING  
AND INVESTIGATING THE IMPLICATIONS FOR RETAIL STORE LOCATION RESEARCH*

1381

**Dionysia Lambiri**, Alessandra Faggian, Neil Wrigley

*UNDERSTANDING THE DETERMINANTS OF LINKED SHOPPING TRIPS: EVIDENCE  
FROM MARKET TOWNS AND DISTRICT CENTRES IN THE UK*

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**Nuri Yavan**

*EXPLORING THE RISE OF SUPER AND HYPERMARKETS IN TURKEY: SPATIAL  
DISTRIBUTION AND DETERMINANTS*

1810

16:15 - 18:00

Room 3\_Thu\_4

*O Session***L. SUSTAINABILITY ISSUES***Chair: Susana Ben***Ceéar Pakissi***CONTRIBUTION FOR ENERGY AND ENVIRONMENTAL MAINTENANCE  
IN HUAMBO CITY*

1224

**Blanca L. Delgado-Márquez, J. Alberto Aragón-Correa, Nuria E. Hurtado-Torres***SUSTAINABILITY AT UNIVERSITY EDUCATION: A REGIONAL APPROACH WITH  
A SPECIAL LOOK AT THE SPANISH CASE*

1113

**Edward Bendit, Amnon Frenkel, Sigal Kaplan***KNOWLEDGE-WORKERS AND THE SUSTAINABLE CITY: THE TRAVEL CONSEQUENCES  
OF CAR-RELATED JOB-PERKS*

389

**Susana Bem, Judite Bem***IMPACTS OF ACTIVITIES IN CRUSHING PLANT ON ENVIRONMENT  
AND OCCUPATIONAL HEALTH OF WORKERS INVOLVED*

1059

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16:15 - 18:00

Room 4\_Thu\_4

*Special Session***ZZB. SS- INDUSTRIAL DISTRICTS AND CLUSTERS FACING  
GLOBALISATION***Chair: Josep-Antoni Ybarra-Pérez***Josep-Antoni Ybarra-Pérez, Rafael Doménech-Sánchez***GOVERNANCE OF LOCAL PRODUCTION NETWORKS AND PUBLIC POLICY:  
THE SPANISH AID SCHEME FOR INNOVATIVE BUSINESS PARTNERSHIPS.*

394

**Jaime Del Castillo, Jonatan Paton***MAIN FINDINGS AND PROPOSALS OF THE SPANISH CLUSTER POLICY EVALUATION:  
THE AEIS PROGRAMME*

1836

**Hugo Pinto, Ana Rita Cruz, Pedro Pintassilgo, Joao Guerreiro, Ana Gonçalves***LOOKING FOR THE CORE OF A KNOWLEDGE-BASED SEA CLUSTER: A SOCIAL NETWORK  
ANALYSIS IN A MARITIME REGION*

510

**Zeynep Gamze Mert, G,Isen Akman***THE PROFILE OF THE ORGANIZED INDUSTRIAL ZONES IN KOCAELI/TURKEY*

1137

*O Session***A. REGIONAL ECONOMIC GROWTH AND DEVELOPMENT***Chair: Adriana Di Liberto***Ana Jesus Lopez, Rigoberto Perez***MEASURING PROGRESS TOWARDS THE MILLENIUM DEVELOPMENT GOALS.  
A REGIONAL APPROACH*

1131

**Ciprian Antoniaade Alexandru***DYNAMIC DEVELOPMENT OF MUNICIPAL BONDS ON CAPITAL MARKETS IN ROMANIA  
AND CONTRIBUTION TO REGIONAL DEVELOPMENT*

951

**Serkan Degirmenci***DO INSTITUTIONS MATTER FOR REGIONAL ECONOMIC GROWTH  
AND DEVELOPMENT? THE CASE OF TURKEY*

1374

**Carmen Pintilescu***REGIONAL ECONOMIC GROWTH IN ROMANIA*

1216

**Adriana Di Liberto, Marco Sideri***PAST DOMINATIONS, CURRENT INSTITUTIONS AND ITALIAN REGIONAL ECONOMIC  
PERFORMANCE*

1867

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*O Session***A. REGIONAL ECONOMIC GROWTH AND DEVELOPMENT***Chair: Lars Westin***Ionescu Romeo***EU2'S REGIONAL ECONOMIC RECOVERY SOLUTIONS UNDER THE GLOBAL CRISIS*

289

**Fernando Gil-Alonso, Jordi Bayona-i-Carrasco***THE IMPACT OF THE ECONOMIC CRISIS ON REGIONAL URBAN GROWTH: THE CASE  
OF THE LARGEST SPANISH METROPOLITAN AREAS*

1193

**Dorin Jula, Nicoleta Jula***THE DYNAMICS OF REGIONAL DISPARITIES IN ROMANIA DURING THE CRISIS*

1254

**Lucian-Liviu Albu***STRUCTURAL CHANGES AND CONVERGENCE IN EU AND IN ADRIATIC-BALKANS REGION*

442

**Daisuke Nakamura***THE STRUCTURE OF WIDER-REGIONAL SHARING OF THE SOCIAL INFRASTRUCTURE  
ELEMENT*

1022

**Lars Westin***BACK TO BASIC - A REGION TURNS TO VALUE CREATION*

1790

16:15 - 18:00

Room 9a\_Thu\_4

*O Session***D. AGGLOMERATION, CLUSTERS AND POLICY***Chair: Imre Lengyel***Argentino Pessoa***EXTERNALITIES, CLUSTERS AND ECONOMIC GROWTH: THE CLUSTER POLICY PARADOX* 896**Lusso Bruno***EMERGENT MULTIMEDIA CLUSTERS IN THE LILLE, LYON AND MARSEILLE METROPOLITAN AREAS* 1070**Ramona Frunza***INNOVATIVE CLUSTERS IN ROMANIA AND THEIR POTENTIAL CONTRIBUTIONS TO DEVELOPMENT* 1471**Alka Obadic***THE ANALYSIS OF REGIONAL CLUSTER DEVELOPMENT IN EUROPE AND CROATIA* 1708**Imre Lengyel***TYPES OF COMPETITIVENESS OF HUNGARIAN REGIONS: AGGLOMERATION ECONOMIES AND ENDOGENOUS REGIONAL DEVELOPMENT* 674

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16:15 - 18:00

Room 9b\_Thu\_4

*O Session***B. RURAL AND LOCAL DEVELOPMENT***Chair: Gary Bosworth***Barbro Widerstedt***SWEDISH REGIONAL DEVELOPMENT INITIATIVES IN A GENDER PERSPECTIVE: POLICY EVALUATED AGAINST TRANSVERSAL OBJECTIVES* 838**E.Umran Topcu***THE SIGNIFICANCE OF NEIGHBORHOOD IN ISTANBUL* 1738**Marek Furmankiewicz, Adrian Campbell***FROM SPECIAL PURPOSE ASSOCIATION OF LOCAL GOVERNMENTS TO CROSS-SECTOR PARTNERSHIP: LOCAL COMMUNITIES COOPERATION FOR DEVELOPMENT AND PLANNING IN POLAND.* 792**Marte Bjørnsen, Steinar Johansen***GOVERNED ECONOMIC DEVELOPMENT IN EUROPE'S NORTHERNMOST PERIPHERY. FROM COMPANY TOWN TO INDUSTRIAL DIVERSITY?* 638**Gary Bosworth***MOTIVATIONS FOR MOVING AMONG COMMERCIAL COUNTERURBANISERS* 1662

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16:15 - 18:00

Room 10\_Thu\_4

*Special Session*

**ZZV. SS- 1ST EUROPEAN MEETING OF THE UEA**

*Chair: Kurt Schmidheiny*

**Sylvie Charlot**, Sonia Paty, Virginie Piguet

*DOES FISCAL COOPERATION INCREASE LOCAL TAX RATES IN URBAN AREAS?* 631

Silvia Giacomelli, **Carlo Menon**

*JUSTICE EFFICIENCY AND FIRM SIZE IN ITALY: EVIDENCE FROM THE NEIGHBOUR'S TRIBUNAL* 1829

**Stephan Heblich**, Oliver Falck, Michael Fritsch

*MUSIC IN THE AIR: ESTIMATING THE SOCIAL RETURN TO CULTURAL AMENITIES* 578

**Kurt Schmidheiny**, Eva Lüthi

*THE EFFECT OF AGGLOMERATION SIZE ON LOCAL TAXES* 522

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16:15 - 18:00

Room 11\_Thu\_4

*Special Session*

**ZZV. SS- 1ST EUROPEAN MEETING OF THE UEA**

*Chair: Ioulia Ossokina*

**Maximilian Von Ehrlich**, Sascha O. Becker, Peter Egger

*ABSORPTIVE CAPACITY AND THE GROWTH EFFECTS OF REGIONAL SUBSIDIES  
A REGRESSION DISCONTINUITY DESIGN WITH HETEROGENEOUS TREATMENT EFFECTS* 600

**Gabriel Ahlfeldt**

*IF WE BUILD, WILL THEY PAY? PREDICTING PROPERTY PRICE EFFECTS OF TRANSPORT INNOVATIONS* 1827

**Nathaniel Baum-Snow**

*LEARNING ABOUT THE SPATIAL SCOPE OF AGGLOMERATION ECONOMIES FROM URBAN TRANSPORT INNOVATIONS* 590

**Ioulia Ossokina**, Gerard Verweij

*QUASI-EXPERIMENTAL EVIDENCE ON THE EFFECT OF TRAFFIC EXTERNALITIES ON HOUSING PRICES* 606

16:15 - 18:00

Room 101\_Thu\_4

*O Session***W. URBAN GOVERNANCE AND CITIES REGENERATION***Chair: Andrea Caragliu***Gesa Matthes***EXPLAINING REURBANIZATION - FINDINGS FROM THE GERMAN SOCIO-ECONOMIC PANEL (SOEP)*

462

**Sergey Kirillov***PROBLEMS OF QUALITY ASSURANCE IN MANAGING THE ENVIRONMENT IN RUSSIAN CITIES*

1068

**Handan Turkoglu, Seda Kundak***URBAN TRANSFORMATION AS A TOOL FOR DISASTER MITIGATION*

390

**Eva Psatha, Alex Deffner, Yannis Psycharis***DEFINING THE QUALITY OF URBAN LIFE: WHICH FACTORS SHOULD BE CONSIDERED?*

785

**Andrea Caragliu, Roberto Camagni***METROPOLIZATION AND URBAN GROWTH*

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16:15 - 18:00

Room 104\_Thu\_4

*O Session***T. LAND USE REAL ESTATE AND HOUSING MARKETS***Chair: Mats Wilhelmsson***Ian Carlton, Pedro Peterson, Liming Wang, Paul Waddell***A BEHAVIORAL SIMULATION OF REAL ESTATE DEVELOPMENT AND REDEVELOPMENT AT THE PARCEL LEVEL*

1036

**Ricardo Crespo, Adrienne Grêt-Regamey***HEDONIC HOUSE PRICE MODELING FOR URBAN PLANNERS: ADVANTAGES OF USING EXPLORATORY LOCAL REGRESSION TECHNIQUES AND T- SURFACES.*

778

**Dany Nguyen-Luong, Francis Papon, Elise Boucq***IMPACT OF THE TRAMWAY T3 IN PARIS ON REAL ESTATE PRICES : RESULTS OF A HEDONIC PRICE MODEL WITH ACCURATE GEOCODING OF TRANSACTIONS*

809

**Laura Fernández-Durán, Alicia Llorca, Nancy Ruiz, Soledad Valero, Vicente Botti***THE IMPACT OF LOCATION ON HOUSING PRICES: APPLYING THE ARTIFICIAL NEURAL NETWORK MODEL AS AN ANALYTICAL TOOL.*

1595

**Mats Wilhelmsson, Svante Mandell***FINANCIAL INFRASTRUCTURE AND HOUSE PRICES IN SWEDEN 1993-2007*

1172

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16:15 - 18:00

Room 105\_Thu\_4

*Special Session*

**ZZE. SS- CULTURAL DIVERSITY, SKILLS AND PRODUCTIVITY:  
THE LABOUR MARKET IMPACTS OF IMMIGRANTS**

*Chair: Anette Haas*

**Eva Pocher**

*DOES IMMIGRATION LEAD TO A REDUCTION OF WAGES AND EMPLOYMENT OF BRITISH  
NATIVES? A REVIEW OF THE REGIONAL LABOUR MARKET OUTCOMES OF MIGRATION  
IN THE UK.*

367

**Julia Beckhusen, Brigitte Waldorf, Raymond Florax, Jacques Poot**

*IMMIGRANTS' JOB-EDUCATION MISMATCH AND THE CROWDING-OUT OF AMERICAN  
WORKERS*

1635

**Stephan Brunow, Uwe Blien**

*EFFECTS OF CULTURAL DIVERSITY ON INDIVIDUAL ESTABLISHMENTS*

187

**Jan Möhlmann, Jessie Bakens**

*ETHNIC DIVERSITY AND FIRM PRODUCTIVITY IN THE NETHERLANDS*

833

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16:15 - 18:00

Room 109\_Thu\_4

*O Session*

**E. REGIONAL POLICY IN EUROPE**

*Chair: Michael Steiner*

**Rui Nuno Baleiras**

*COLLECTIVE EFFICIENCY STRATEGIES: A POLICY INSTRUMENT SOLUTION TO BOOST  
COMPETITIVENESS IN LOW-DENSITY TERRITORIES*

1423

**Eveline Van Leeuwen, Martijn Smit, Henri de Groot**

*ADDRESSING SPATIAL SPILL-OVERS OF RURAL DEVELOPMENT PLANS*

1553

**Riccardo Crescenzi**

*THE REGIONAL POLICY OF THE EUROPEAN UNION: SUPPORTING POOR OR POWERFUL  
REGIONS?*

1740

**Michael Steiner, Matthias Schelnast**

*CHANGING INSTITUTIONS FOR REGIONAL POLICY. THE EVOLUTIONARY  
DEVELOPMENT OF REGIONAL DEVELOPMENT AGENCIES IN AUSTRIA*

782

16:15 - 18:00

Room 110\_Thu\_4

*Special Session***ZG. SS- JSRSAI 50TH ANNIVERSARY SESSION***Chair: Yuzuru Miyata***Yuzuru Miyata***AN URBAN ECONOMIC MODEL OVER A CONTINUOUS PLANE WITH SPATIAL CHARACTERISTIC VECTOR FIELD - CONSIDERATION OF HETEROGENEOUS GEOGRAPHICAL CONDITIONS -*

1891

**Hiroyuki Shibusawa, Takafumi Sugawara***EVALUATING THE ECONOMIC BENEFITS OF ELECTRIC AND HYBRID VEHICLES: AN APPLICATION TO THE MULTI-REGIONAL INPUT-OUTPUT APPROACH*

1888

**Ha Thi Thu Trang, Yuzuru Miyata, Zhang Xu***MEASURING THE ECONOMIC IMPACT OF A ROAD CONSTRUCTION PROJECT IN AN AREA IN JAPAN - A SIMPLIFIED SPATIAL COMPUTABLE GENERAL EQUILIBRIUM MODELING APPROACH -*

1886

**Shamsunnahar Khanam, Yuzuru Miyata, Yan Liu***A COMPUTABLE GENERAL EQUILIBRIUM ANALYSIS OF ELECTRIC VEHICLE SOCIETY IN TOYOHASHI CITY, JAPAN*

1892

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16:15 - 18:00

Room 111\_Thu\_4

*O Session***G. GLOBALISATION AND REGIONAL COMPETITIVENESS***Chair: Steven Brakman***Elif Örnek Özden, Ebru Seckin, Senem Kozaman Som***THE EFFECTS OF GLOBAL DYNAMICS TO URBAN HIERARCHY: COMPROMISING CITIES INSTEAD OF COMPETITIVE CITIES*

1665

**Elisavet Thoidou, DIMITRIOS FOUTAKIS***COMPETITIVENESS AND COHESION IN THE EU REGIONAL POLICY: EVOLUTION AND TRENDS*

1786

**Silvia Ciccarelli, Roberta Gemmiti, Luca Salvati***MIND THE GAP? GLOBAL CITIES AND ORDINARY CITIES IN THE PLANNING PERSPECTIVE*

820

**Steven Brakman***ARE COUNTRIES LUMPY?*

550

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16:15 - 18:00

Room 112\_Thu\_4

*O Session*

## **Q. SPATIAL ECONOMETRICS**

*Chair: Thomas De Graaff*

### **Viroj Jienwatcharamongkhol**

*DISENTANGLING SWEDISH SMES: COUNTRY SENSITIVITY ON EXPORTED PRODUCTS* 564

### **Fernando A López, Jose Antonio Martínez, Manuel Ruiz**

*AN APPLICATION TO SPATIAL STATISTICS TO BASKETBALL ANALYSIS; THE CASE OF LOS ANGELES LAKERS FROM 2007 TO 2009.* 693

### **Anna Norin**

*A SPATIAL APPROACH TO NOWCASTING THE REGIONAL GROSS DOMESTIC PRODUCT* 1259

### **Thomas De Graaff**

*ON SPATIAL DEPENDENCE IN STOCHASTIC FRONTIER MODELS WITH AN APPLICATION TO EUROPEAN REGIONAL ECONOMIC PERFORMANCE* 1088

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16:15 - 18:00

Room 113\_Thu\_4

*Special Session*

## **ZN. SS-RETHINKING THE ECONOMIC REGION. NEW CHALLENGES FOR THE REGIONAL ANALYSIS WITH DATA AT SMALL SCALE**

*Chair: Esteban Fernandez-Vazquez*

### **Esteban Fernandez-Vazquez, Rafael Garduño**

*ECOLOGICAL INFERENCE WITH ENTROPY ECONOMETRICS: USING THE MEXICAN CENSUS AS A BENCHMARK* 794

### **Rosa Bernardini Papalia**

*AN INFORMATION THEORETIC APPROACH TO ECOLOGICAL INFERENCE IN PRESENCE OF SPATIAL HETEROGENEITY AND DEPENDENCE* 317

### **Fernando A López, Ana Angulo, Andrés Artal**

*THE DISTRIBUTION OF THE ECONOMIC ACTIVITY IN THE MEDITERRANEAN AXIS. IDENTIFICATION OF CLUSTER BY SECTORS OF ECONOMIC ACTIVITY.* 692

### **Jesus Mur, Antonio Paez**

*LOCAL WEIGHTING OR THE NECESSITY OF FLEXIBILITY* 942

### **Coro Chasco, Jullie Le Gallo**

*AIRPORT NOISE AND HOUSING PRICES: A MULTILEVEL MODELING ANALYSIS* 176

### **Geoffrey Hewings, Jae Hong Kim**

*AN APPLICATION OF THE DISEQUILIBRIUM ADJUSTMENT FRAMEWORK TO SMALL AREA FORECASTING AND IMPACT ANALYSIS* 1839

16:15 - 18:00

Room 114\_Thu\_4

*Special Session***ZT. SS- COMPUTABLE GENERAL EQUILIBRIUM IN REGIONAL SCIENCE AND URBAN ECONOMICS***Chair: Georg Hirthe***Mark Horridge***A SIMPLE TOP-DOWN SUB-REGIONAL EXTENSION FOR GTAP* 177Jan Ubøe, Inge Thorsen, **David McArthur***MODELLING INTRA-REGIONAL GEOGRAPHIC MOBILITY IN A RURAL SETTING* 1243**Johannes Bröcker***A MULTIREGIONAL ENDOGENOUS GROWTH MODEL WITH FORWARD LOOKING AGENTS* 1676

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16:15 - 18:00

Room 115\_Thu\_4

*O Session***V. TOURISM, CULTURAL INDUSTRIES AND REGIONAL DEVELOPMENT***Chair: Simone Strauf***Maria Del Pilar Leal Londoño***THE GASTRONOMIC TOURISM AN OPPORTUNITY FOR THE LOCAL DEVELOPMENT IN CATALONIA?: AN ANALYSIS FROM THE STAKEHOLDERS INVOLVED* 1083**Bernard De Myttenaere***PROMOTING LOCAL PRODUCTS TO TOURISTS AND TERRITORIAL DEVELOPMENT: THE CASE OF TRAPPIST BEER AND CHEESE* 887Sebastiano Curreli, **Cheti Pira***TERRITORIAL INTEGRATION AND MARINAS IN SARDINIA* 943**Koç Ercan**, Gözdem Aysu, Ayşe Nur Ökten, Betül Şengezer*TOURISM DEVELOPMENT STRATEGIES IN THE CONTEXT OF COAST, CULTURE AND AGRICULTURE-BÜYÜKMENDERES BASIN* 1837**Simone Strauf**, Roland Scherer*THE ECONOMIC IMPACT OF MICE TOURISM* 536

*O Session*

**O. INNOVATION, KNOWLEDGE, ECONOMY AND REGIONAL DEVELOPMENT**

*Chair: Sabine Sedlacek*

**Angelika Jager**

*SUCCESSFUL KNOWLEDGE TRANSFER FROM UNIVERSITIES OF APPLIED SCIENCES  
IN GERMANY ANALYSIS OF BEST PRACTICE EXAMPLES BASED ON EMPIRICAL  
ANALYSIS AND EXPERT INTERVIEWS*

1332

**Mirja Meyborg**

*THE IMPACT OF RESEARCH UNIVERSITIES ON REGIONAL INNOVATION ACTIVITIES  
A PATENT ANALYSIS*

463

**Silko Pfeil, Katharina Kaps, Thomas Sauer, Matthias-Wolfgang Stoetzer**

*REGIONAL DISPERSION OF COOPERATION ACTIVITIES AS SUCCESS FACTOR  
OF INNOVATION ORIENTED SME*

790

**Javier Garcia, Néstor Duch**

*UNIVERSITIES, HUMAN CAPITAL AND REGIONAL DEVELOPMENT; DOES SPATIAL  
STUDENT FLOWS MATTER?*

1316

**Sabine Sedlacek**

*REGIONAL CENTERS OF EXCELLENCE AS DRIVERS FOR INNOVATION  
AND SUSTAINABILITY*

855

16:15 - 18:00

Room 117\_Thu\_4

*O Session***O. INNOVATION, KNOWLEDGE, ECONOMY AND REGIONAL DEVELOPMENT***Chair: Amnon Frenkel*

- Paulo Neto, Maria Manuel Serrano**  
*REINFORCING INNOVATION EFFECTIVENESS A NEW METHODOLOGICAL APPROACH FOR POLICY EVALUATION* 514
- Augusto Cusinato, Fabiano Compagnucci**  
*INDUSTRIAL DISTRICTS AND THE CITY: RELATIONSHIPS IN THE KNOWLEDGE AGE. EVIDENCE FROM THE ITALIAN CASE* 237
- Eduardo Chica, **Carlos Marmolejo**  
*CREATIVE AND KNOWLEDGE ECONOMIES AND THEIR LINKAGES WITH OTHER ECONOMIC SECTORS. AN ANALYSIS FOR THE METROPOLITAN REGION OF BARCELONA (MRB)* 878
- Michael Bentlage, Alain Thierstein, Stefan Lüthi**  
*INTRA FIRM AND EXTRA FIRM NETWORKS IN THE GERMAN KNOWLEDGE ECONOMY. ECONOMIC DEVELOPMENT OF GERMAN AGGLOMERATIONS FROM A RELATIONAL PERSPECTIVE* 998
- Teresa Sá Marques, Patrícia Romeiro, Hélder Santos**  
*HEALTH AND CULTURAL AND CREATIVE CLUSTERS IN THE PORTO-MEGA-CITY REGION: NEW ARENAS TO TERRITORIAL INNOVATION AND REGIONAL GOVERNANCE.* 1751
- Amnon Frenkel, Edward Benedit, Sigal Kaplan**  
*RESIDENTIAL CHOICE OF KNOWLEDGE-WORKERS IN A 'STARTUP METROPOLIS': THE ROLE OF AMENITIES, WORKPLACE AND LIFESTYLE* 208

♦♦♦♦♦♦♦♦♦♦

16:15 - 18:00

Room 118\_Thu\_4

*Special Session***ZZP. SS- KNOWLEDGE, INNOVATION AND ECONOMIC GEOGRAPHY***Chair: Raquel Ortega-Argiles*

- Maria Savona**  
*KNOWLEDGE DYNAMICS IN SPACE AND TIME AND THE GEOGRAPHY OF STRUCTURAL CHANGE. A HISTORICAL REVIEW* 1858
- Pablo D'Este, Frederick Guy, **Simona Iammarino**  
*PROXIMITY IN UNIVERSITY-INDUSTRY RESEARCH COLLABORATIONS* 1882
- Philip McCann**  
*INNOVATION SURVEYS* 1855

01/09/2011

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16:15 - 18:00

Room 123\_Thu\_4

*O Session*

## **K. SPATIAL ISSUES OF THE LABOUR MARKET**

*Chair: Hannu Tervo*

**Liqiu Zhao**, Wouter Torfs

*ASSORTATIVE MATCHING IN A MULTIREGIONAL CONTEXT*

1697

**Carlos Augusto Olarte Bacares**

*TRANSPORT NETWORKS' ACCESSIBILITY AND JOBS' ACCESSIBILITY: THE SIGNIFICANCE OF THIS CORRELATION ON THE CONFIGURATION OF LABOR MARKET AND THEIR CONSEQUENCES ON SOCIAL CONFIGURATION IN THE CITY BOGOTÁ*

914

**Manuel Fernández-Grela**, Roberto Bande, Dolores Riveiro

*CONSUMPTION, SAVING, INVESTMENT, AND UNEMPLOYMENT. THE EFFECTS OF CHANGES IN THE CONSUMPTION-SAVING PATTERN IN THE SPANISH REGIONS*

1715

**Arndt Reichert**

*REGIONAL DIFFERENCES IN THE DEMAND FOR REHABILITATION SERVICES: EVIDENCE FROM GERMANY*

1460

**Hannu Tervo**, Hannu Niittykangas

*SELF-EMPLOYMENT TRANSITIONS AT OLDER AGES IN DIFFERENT LOCAL LABOR MARKETS*

764

♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦

16:15 - 18:00

Aula Magna\_Thu\_4

*Special Session*

## **TERRITORIAL GOVERNANCE**

*Chair: André Torr *

**Jean Charles Leygues**

**Andr  Torr **

**Fr d ric Wallet**

8:45 - 10:30

Aula Magna\_Fri\_1

*Special Session***GLOBAL GRAND CHALLENGES TO REGIONAL SCIENCE***Chair: Juan R. Cuadrado Roura***Antoine Baily***REGIONAL SCIENCE AND LOCAL IDENTITIES*

1918

**Peter Batey***LONG-TERM DEMOGRAPHIC CHANGE AND FUTURE LAND USE*

1919

**Roberta Capello***REGIONAL SCIENCE AND ITS FUTURE: WHAT CHALLENGES AND WHAT TOOLS*

1920

**Peter Nijkamp***REGIONAL SCIENCE AND INTERNATIONAL MIGRATION*

1921

♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦

8:45 - 10:30

Room 3\_Fri\_1

*O Session***M. CLIMATE CHANGE AND ITS IMPLICATIONS FOR URBAN AND REGIONAL DEVELOPMENT***Chair: Sergio Margulis***Masakazu Maezuru***ENVIRONMENTAL POLICY NEGOTIATIONS AND LOBBY GROUPS IN AN INTERNATIONAL OLIGOPOLISTIC MARKET*

1026

**Sergio Margulis***THE REGIONAL IMPACTS OF CLIMATE CHANGE IN ASIA AND AFRICA*

1238

♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦

8:45 - 10:30

Room 4\_Fri\_1

*Special Session***ZZG. SS- RELOC. OF PLANTS AND FIRMS: NEW INSIGHTS***Chair: Miguel Manjon***Anne Risselada, Veronique Schutjens, Frank van Oort***FIRM RELOCATION IN URBAN RESIDENTIAL NEIGHBOURHOODS (URN) IN THE NETHERLANDS*

1300

**Kristin Kronenberg***BUSINESS RELOCATIONS IN THE NETHERLANDS: WHY DO FIRMS MOVE, AND WHERE DO THEY GO?*

1450

**Frank Van Oort, Roderik Ponds***FIRM MIGRATION AND LOCATION FACTORS: SPATIAL INTERACTION MODELS ON EMPLOYMENT FLOWS BETWEEN MUNICIPALITIES IN THE NETHERLANDS*

525

*O Session***S. INFRASTRUCTURE, TRANSPORTS AND COMMUNICATIONS***Chair: Federico Pablo-Marti***Ulf Johansen, Heidi Bull-Berg***MINIMIZING TRANSPORTATION COSTS IN THE NORWEGIAN COASTAL FORESTRY INDUSTRY*

1446

**Imola Rittgasszer***BEST PRACTICES OF THE ECONOMIC DEVELOPMENT IMPACT STUDY OF AIRPORTS*

1588

**Martijn Kobus, Jos van Ommeren, Piet Rietveld, Frank Bruinsma***MAY CONGESTION INDUCE CURRENT USERS TO INCREASE THEIR PEAK DEMAND FOR A LOCAL PUBLIC GOOD?*

860

**Takamune Fujii, Mariko Futamura***DOES GLOBALIZATION ELIMINATE INTERNATIONAL TRANSACTION COSTS? THE CASE OF JAPANESE INTERNATIONAL AIR PASSENGER TRANSPORTATION*

1326

**Federico Pablo-Marti, Rafael Myro-Sánchez***DESIGN OF THE SPANISH TRANSPORT NETWORK: POLITICAL DECISIONS OR PATH DEPENDENT PROCESSES?*

1133

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*Special Session***ZI. SS- PRODUCTIVITY & FINANCING REG. TRANSP. INFRASTRUCTURE***Chair: Andreas Stephan***Kenneth Button***INSTITUTIONAL ECONOMICS AND THE PRODUCTIVITY AND FINANCING OF REGIONAL INFRASTRUCTURE*

509

**Ryohei Nakamura***CONTRIBUTIONS OF LOCAL AGGLOMERATION AND TRANSPORT INFRASTRUCTURE TO PRODUCTIVE EFFICIENCY: STOCHASTIC FRONTIER ESTIMATIONS BY JAPANESE ESTABLISHMENT DATA OF MANUFACTURES*

734

**Toon Vandyck, Stef Proost***REGIONAL GOVERNMENT COMPETITION AND INCENTIVES FOR COMMUTING TAXES AND TRANSPORT INVESTMENTS*

892

**Andres Rodriguez-Pose, Yannis Psycharis, Vassilis Tselios***THE CONTRIBUTION OF PUBLIC INVESTMENT TO REGIONAL GROWTH AND CONVERGENCE UNDER REGIONAL SPILLOVER EFFECTS: EVIDENCE FROM THE GREEK PREFECTURES*

1048

*R Session*

**S. INFRASTRUCTURE, TRANSPORTS AND COMMUNICATIONS**

*Chair: Jean-Claude Thill*

**Georgina Santos, Thomas von Brunn**

*FACTORS INFLUENCING MODAL SPLIT OF COMMUTING JOURNEYS  
IN 34 MEDIUM-SIZED EUROPEAN CITIES*

1019

**Carmen Lizarraga, Ciro Jaramillo, Alejandro L. Grindlay**

*URBAN DEVELOPMENT AND TRANSPORT DISADVANTAGE: METHODOLOGY  
TO EVALUATE SOCIAL TRANSPORT NEEDS IN LATIN AMERICAN CITIES*

936

**Jean-Claude Thill, Chunhua Wang**

*UNDERSTANDING WILLINGNESS TO SUPPORT HIGHER TAXES FOR URBAN  
TRANSPORTATION SERVICES: THE CASE OF AN AMERICAN CITY*

1449

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*R Session*

**D. AGGLOMERATION, CLUSTERS AND POLICY**

*Chair: João Lopez*

**Ivan Muñiz, M.A. Garcia-López**

*CHAOS AND ORDER IN THE CONTEMPORARY CITY: POPULATION DENSITY AND  
COMMUTING DISTANCE IN BARCELONA 1986-2001.*

604

**Mirko Titze, Matthias Brachert, Hans-Ulrich Brautzsch**

*MAPPING LOCAL AND REGIONAL POTENTIALS FOR INTER-SECTORAL TECHNOLOGY  
FLOWS IN INDUSTRIAL CLUSTERS EMPIRICAL RESULTS FOR GERMANY*

660

**João Lopes**

*INDUSTRIAL CLUSTERING AND SECTORAL GROWTH: A NETWORK DYNAMICS  
APPROACH*

637

*O Session*

**A. REGIONAL ECONOMIC GROWTH AND DEVELOPMENT**

*Chair: Mariasole Bannò*

Emili Tortosa-Ausina, Luisa Alama Sabater, Ana M Fuertes-Eugenio, **Marta Roig-Casanova**

*URBAN SPATIAL STRUCTURE AND ECONOMIC GROWTH IN SPANISH  
METROPOLITAN AREAS*

**Gabriela Carmen Pascariu**

*DYNAMICS OF THE SPECIALIZATION TRADE PATTERNS IN EU. AN ANALYSIS OF THE  
SOUTHERN AND EASTERN EUROPEAN COUNTRIES IN THE INTEGRATION PROCESS* 1703

**Jinhwan Oh**

*INTERNATIONAL TRADE OF ISOLATED COUNTRIES: THE CASE OF MYANMAR  
AND NORTH KOREA* 1764

**Zanda Kalnina-Lukasevica**

*CHALLENGES FOR ECONOMIC GROWTH OF REGIONS IN THE BALTIC SEA REGION CASE  
STUDY OF LATVIA* 1729

**Mariasole Banno**, Celeste Amorim Varum, Valentina Morandi

*PUBLIC POLICY FOR INNOVATION AND INTERNATIONALISATION: ARE THEY WORTH IT?* 457

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*O Session*

**D. AGGLOMERATION, CLUSTERS AND POLICY**

*Chair: Carmen Beatrice Pauna*

**Lars M Widell**, Lars Pettersson, Pär Sjölander, Joel Karlsson

*BUSINESS CLUSTERS, INDUSTRIAL SPECIALIZATION AND ECONOMIC GROWTH  
IN RURAL REGIONS* 1081

**Igor Pilipenko**

*CLUSTER POLICY AND MANUFACTURING SECTOR PERFORMANCE IN RUSSIAN REGIONS:  
CAPTURING OR NEGLECTING SPECIFIC ECONOMIC GEOGRAPHY?* 1563

**Carmen Beatrice Pauna**

*CLUSTER POLICY AND THE SUPPORTING ORGANIZATIONS FOR TRANSNATIONAL  
CLUSTERS PROMOTING - ROMANIAN INITIATIVES* 1487

8:45 - 10:30

Room 9b\_Fri\_1

*R Session***B. RURAL AND LOCAL DEVELOPMENT***Chair: Mark Partridge***Humberto Spolador, Geraldo Barros, Mirian Bacchi***THE MACROECONOMIC SHOCKS AND THE BRAZILLIAN AGRICULTURAL  
PRICE EVOLUTION - A VAR ANALYSIS APPROACH*

406

**Alex Almeida, Boris Bravo-Ureta***AGRICULTURAL PRODUCTIVITY AND OFF-FARM LABOR DECISIONS BY HEADS  
AND SPOUSES IN NICARAGUA: A SEMIPARAMETRIC ANALYSIS USING PANEL DATA*

508

**Mark Partridge, Rose Olfert***THE WINNERS' CHOICE: SUSTAINABLE ECONOMIC STRATEGIES FOR SUCCESSFUL  
21ST CENTURY REGIONS*

1655

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8:45 - 10:30

Room 10\_Fri\_1

*O Session***U. LOCATION STUDIES***Chair: Cristiano Cechella***Nuri Yavan***SPATIAL PATTERNS AND DETERMINANTS OF TURKISH TRANSNATIONAL FIRMS  
IN EUROPE*

1780

**Kutlu Demirer***SPATIAL ANALYSIS OF 5-STAR HOTELS IN ISTANBUL*

1030

**Ebru Seckin***THE LOCATION BEHAVIOR OF CALL CENTRE FIRMS IN TURKEY*

742

**Ulf Johansen, Heidi Bull-Berg***MINIMIZING TRANSPORTATION COSTS IN THE NORWEGIAN COASTAL FORESTRY  
INDUSTRY*

1568

**Cristiano Cechella***ESTIMATING BRAZILLIAN FDI MOTIVATIONS IN PORTUGAL BY STRUCTURAL  
EQUATIONS MODEL (SEM)*

1504

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8:45 - 10:30

Room 11\_Fri\_1

*O Session*

## **J. SOCIAL SEGREGATION POVERTY AND SOCIAL POLICY**

*Chair: Olga Alonso-Villar*

**Claire Dujardin**, Sylvie Charlot, Florence Goffette-Nagot

*ASSESSING FRENCH EMPOWERMENT ZONES: WHAT ROLE FOR INCREASING SOCIAL SEGREGATION?*

1153

**Amélia Bastos**

*POVERTY IN URBAN AND RURAL AREAS - IS IT DIFFERENT?*

358

**José L. Calvo**, Pedro Cortiñas, Cristina Sánchez

*A STUDY IN SPANISH REGIONS' POVERTY: A NEW METHODOLOGICAL PERSPECTIVE*

464

Carlos Gradín, Coral Del Río, **Olga Alonso-Villar**

*OCCUPATIONAL SEGREGATION BY RACE AND ETHNICITY IN THE US: DIFFERENCES ACROSS STATES*

84

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8:45 - 10:30

Room 101\_Fri\_1

*Special Session*

## **ZE. SS- TERRITORIAL GOVERNANCE**

*Chair: André Torr  JB Traversac*

**Aliye Ahu Akg n**, Seda Kundak, Handan Turkoglu, Tuzin Baycan

*RURAL CHANGES: THEIR TYPES AND EFFECTS ON RURAL CAPITAL*

251

**Nathalie Bertrand**, Boschet Christophe, Vollet Dominique

*INPUTS OF INSTITUTIONAL ECONOMICS TO ANALYZE ENVIRONMENTAL GOVERNANCE AT TERRITORIAL LEVEL: EVIDENCE FROM FRENCH REGIONAL NATURAL PARKS*

1077

**Charilaos Kephaliacos**, Jean-Pierre Del Corso

*UPDATING BELIEFS AND SUSTAINABLE DEVELOPMENT IN AGRICULTURE: INDUCING FARMERS' ETHICAL COMMITMENT BY MEANS OF DISCURSIVE TRANS-ACTIONS*

850

8:45 - 10:30

Room 102\_Fri\_1

*Special Session*

**ZE. SS- TERRITORIAL GOVERNANCE**

*Chair: André Torr  JB Traversac*

**Vincent Briquel, Nathalie Bertrand**

*THE INTERVENTION OF PUBLIC ACTORS ON THE MARKET OF AGRICULTURAL  
AND NATURAL LAND IN PERI-URBAN AREAS*

861

**Romain Melot**

*LOCAL DISPUTES OVER ENVIRONMENTAL HAZARD IN FRANCE : RESIDENTS  
AND INDUSTRIAL CONCERNS IN COURTS*

647

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8:45 - 10:30

Room 103\_Fri\_1

*R Session*

**T. LAND USE REAL ESTATE AND HOUSING MARKETS**

*Chair: Mark Van Duijn*

**Elif Alkay**

*IN DEPTH ANALYSIS OF THE HOME TO WORK TRAVEL PATTERN IN THE ISTANBUL  
METROPOLITAN AREA*

371

**Sabrina Iommi, Patrizia Lattarulo**

*MOVING FROM THE CENTRAL CITY: FEATURES, DESTINATIONS, CAUSES  
AND CONSEQUENCES OF CITY DWELLERS' FLIGHT*

786

**Mark Van Duijn, Jan Rouwendal**

*CULTURAL HERITAGE AND THE LOCATION CHOICE OF DUTCH HOUSEHOLDS  
IN A RESIDENTIAL SORTING MODEL*

648

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8:45 - 10:30

Room 104\_Fri\_1

*Special Session*

**ZU. SS- THE WEB OF HOUSING SUPPLY: MARKETS, FINANCE, DEVELOPMENT AND INFRASTRUCTURES [ANY PAPER IN THE BROAD AREA OF HOUSING ECONOMICS WILL ALSO BE CONSIDERED]**

*Chair: Glen Bramley*

**Tony Dalton**, Ralph Horne, Ron Wakefield

*AUSTRALIAN SUBURBAN HOUSING CONSTRUCTION AND HOUSING SUPPLY*

1875

**Glen Bramley**

*HOUSING SUPPLY AND AFFORDABILITY OUTCOMES UNDER 'LOCALISED' LAND-USE PLANNING; EXPLORING PROSPECTS USING A NEW SUB-REGIONAL MODEL OF HOUSING MARKETS IN ENGLAND*

1878

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8:45 - 10:30

Room 105\_Fri\_1

*Special Session*

**ZZE. SS- CULTURAL DIVERSITY, SKILLS AND PRODUCTIVITY: THE LABOUR MARKET IMPACTS OF IMMIGRANTS**

*Chair: Ceren Ozgen*

**Michaela Trax**, Stephan Brunow, Jens Suedekum

*CULTURAL DIVERSITY AND PLANT PRODUCTIVITY*

1438

**Ceren Ozgen**, Peter Nijkamp, Jacques Poot

*ARE CULTURALLY DIVERSE FIRMS MORE INNOVATIVE? EVIDENCE FROM THE NETHERLANDS.*

738

Guido de Blasio, **Alessio D'Ignazio**

*THE IMPACT OF IMMIGRATION ON PRODUCTIVITY: EVIDENCE FROM THE ITALIAN REAL ESTATE MARKET*

537

8:45 - 10:30

Room 109\_Fri\_1

*O Session***G. GLOBALISATION AND REGIONAL COMPETITIVENESS***Chair: Raquel Ortega-Argiles***Aleid Brouwer, Tristan Kohl***DEVELOPMENT OF TRADE BLOCS IN AN ERA OF GLOBALIZATION: PROXIMITY STILL MATTERS*

122

**Peter Warda***TRENDS AND PATTERNS IN OUTSOURCING IN EUROPE: A LITERATURE REVIEW*

632

**Peng Wu, Ying Jin, Yongjiang Shi***THE IMPACTS OF CARBON EMISSIONS ON GLOBAL MANUFACTURING VALUE CHAIN RELOCATION: THEORETICAL AND EMPIRICAL DEVELOPMENT OF A MESO-LEVEL MODEL*

1724

**Simon Falck***HOW LABOUR MARKET SPECIALIZATION INFLUENCES THE REGIONAL DISTRIBUTION OF GREENFIELD INVESTMENTS*

842

**Raquel Ortega-Argiles, Mariacristina Piva, Claudio Cozza***CAN THE EUROPEAN HETEROGENEITY TELL US MORE ABOUT THE TRANSATLANTIC PRODUCTIVITY GAP?*

1421

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8:45 - 10:30

Room 110\_Fri\_1

*Special Session***ZW. SS- TURKISH CASES IN CONTEMPORARY ISSUES/DIMENSIONS FOR REGIONAL DEVELOPMENT'***Chair: Gulden Erkut***Serkan Degirmenci***DO INSTITUTIONS MATTER FOR REGIONAL ECONOMIC GROWTH AND DEVELOPMENT? THE CASE OF TURKEY*

1180

**Ercan Dulgeroglu, Sibel Bali Eryigit, Kadir Y. Eryigit, Filiz Gaygusuz***THE ROLE OF PHYSICAL, HUMAN AND SOCIAL CAPITAL IN REGIONAL FINANCIAL DEVELOPMENT DIFFERENCES: AN ANALYSIS OF TURKISH PROVINCES*

1539

**Tuba Cekic***REDEFINING TURKEY'S REGIONAL ECONOMIC DISPARITIES THROUGH SOCIAL PARTICIPATION*

184

**Gulden Erkut***UNDERSTANDING NEW CHALLENGES FOR SOCIO-ECONOMIC AND SOCIO-SPATIAL DYNAMICS OF GLOBALIZING CITIES: THE CASE OF ISTANBUL CITY-REGION*

1333

**G. GLOBALISATION AND REGIONAL COMPETITIVENESS***Chair: Bart Los***Richard Sellner**, Wolfgang Polasek*DOES GLOBALIZATION AFFECT REGIONAL GROWTH? EVIDENCE FOR NUTS-2  
REGIONS IN EU-27*

819

**José L. González-Pernía**, Iñaki Peña-Legazkue*THE IMPACT OF EXPORT-ORIENTED ENTREPRENEURSHIP ON REGIONAL ECONOMIC  
GROWTH*

1526

**Bart Los**, Abdul Azeez Erumban, Robert Stehrer, Marcel Timmer, Gaaitzen de Vries*MAKING ROOM FOR CHINA: A GLOBAL VALUE CHAIN APPROACH*

378

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**P. GEOGRAPHICAL INFORMATION SYSTEMS AND SPATIAL ANALYSIS***Chair: Yoshiaki Ohsawa***Burak Beyhan***THE DELIMITATION OF FUNCTIONAL REGIONS SERVING AS PLANNING REGIONS  
IN TURKEY*

520

**Vânia Campos**, Fernanda Borges*ANALYSING THE CHARACTERISTICS OF WALKING TRIPS IN ACCESS TO RAPID TRANSIT  
STATIONS*

1321

**Adrienne Grêt-Regamey**, **Ricardo Crespo***SPATIAL PLANNING - AN INVERSE PROBLEM?*

407

**Yoshiaki Ohsawa***OPTIMALITY GAP OF MYOPIC LOCATION METHODS*

1736

*Special Session***ZP. SS- MODELLING 'SPATIO-TEMPORAL DATA'***Chair: Miguel Márquez*

- Fernando A López, Manuel Ruiz, Antonio Paez**  
*COMPARISON OF THEMATIC MAPS USING SYMBOLIC ENTROPY* 695
- Miguel Márquez, Julián Ramajo, Geoffrey Hewings**  
*ASSESSING REGIONAL ECONOMIC PERFORMANCE: REGIONAL COMPETITION IN SPAIN  
UNDER A SPATIAL VECTOR AUTOREGRESSIVE APPROACH* 1098
- Timo Mitze**  
*WITHIN AND BETWEEN PANEL COINTEGRATION IN THE GERMAN REGIONAL  
OUTPUT-TRADE-FDI NEXUS* 1258
- Crespo Cuaresma Jesus, Harald Badinger**  
*ESTIMATING BILATERAL RELATIONSHIPS FROM AGGREGATED DATA* 1843

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*Special Session***ZM. SS- CROSS BORDER REGIONS AND TRANSPORT ACCESSIBILITY***Chair: Anabela Ribeiro*

- Marijana Sumpor, Marga Gakovic**  
*SUSTAINABLE DEVELOPMENT ASPECTS IN CROSS-BORDER COOPERATION  
PROGRAMMES: THE CASE OF CROATIA AND MONTENEGRO* 425
- Ana Condeco, Javier Gutiérrez**  
*THE EUROPEAN VALUE ADDED OF THE TEN-T PRIORITY AXIS OF IRÚN-AVEIRO* 817
- Dagmara Kociuba**  
*CROSS-BORDER COOPERATION IN THE SCOPE OF SPATIAL PLANNING - POLISH  
EXPERIENCE* 1384
- Anabela Ribeiro, Jorge Silva, Matias Mayor, Maria Joao Fontes**  
*THE PORTUGUESE - SPANISH CROSS BORDER DEVELOPMENT. A SPATIAL  
ECONOMETRIC STUDY ON ACCESSIBILITY.* 1681

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8:45 - 10:30

Room 115\_Fri\_1

*Special Session*

**ZF. SS- TOURISM EXTERNALITIES**

*Chair: Manuela Pulina*

**Bianca Biagi, Claudio Detotto**

*DOES TOURISM AFFECT CRIME?*

843

**Marta Meleddu**

*TOURISM AND RESIDENTS: HOW TO FIND THE RIGHT TRADE-OFF?*

456

**Roberto Patuelli, Maurizio Mussoni, Guido Candela**

*THE EFFECTS OF WORLD HERITAGE SITES ON DOMESTIC TOURISM:*

*A SPATIAL INTERACTION MODEL FOR ITALY*

935

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8:45 - 10:30

Room 116\_Fri\_1

*O Session*

**N. ENTREPRENEURSHIP, NETWORKS AND INNOVATION**

*Chair: Giulio Cainelli*

**Judite Bem, Nelci Maria Richter Giacomini, Gislaine Cristina de Souza Rech**

*THE CREATION OF JOBS AND PRODUCTIVE UNITS OF THE CREATIVE ECONOMY  
IN THE REGION OF COREDE VALE DO RIO DOS SINOS - CONSINOS - RS / BRAZIL  
FROM 1996 TO 2009. NEW PERSPECTIVE DEVELOPMENT.*

185

**Renata Jezkova**

*DOING BUSINESS SUPPORT ON THE PART OF THE TOWNS: CASE STUDY SLOVAKIA*

1121

**Elin Wihlborg**

*ROLES OF POLICY ENTREPRENEURS WHEN EXPANDING REGIONAL DEVELOPMENT  
- A TIME-SPATIAL ANALYSIS OF THE IMPACTS OF POLICY ENTREPRENEURS*

1602

**Marioara Iordan, Mihaela-Nona Chilian**

*ENTREPRENEURIAL DEVELOPMENTS AND CHALLENGES IN THE SUD MUNTENIA  
REGION OF ROMANIA*

831

**Roberto Antonietti, Giulio Cainelli**

*LOCAL ENTROPY, BANKS' DENSITY AND FIRMS' INVESTMENTS. EVIDENCE  
FROM ITALIAN PROVINCES*

666

8:45 - 10:30

Room 117\_Fri\_1

*Special Session***ZZQ. SS- THE IMPACT OF GLOBAL FINANCIAL CRISIS ON THE BANKING SECTOR, IN LOCAL – NATIONAL –INTERNATIONAL LEVEL***Chair: Chrysanthi Balomenou***Chrysanthi Balomenou, John Magridis***THE PREVALENCE OF CREDIT RISK IN GREEK BANKING: RISK MANAGEMENT & METHODOLOGY FOR EVALUATING CORPORATE CREDIT RISK AND GREEK BUSINESS ENVIRONMENT*

946

**Chrysanthi Balomenou, Marianthi Maliari***CONSEQUENCES OF FINANCIAL CRISIS ON LOAN PROVIDING FUNDS FOR SMALL & MEDIUM ENTERPRISES FORMER PREFECTURE OF SERRES -GREECE*

716

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8:45 - 10:30

Room 118\_Fri\_1

*O Session***O. INNOVATION, KNOWLEDGE, ECONOMY AND REGIONAL DEVELOPMENT***Chair: Edward Feser***Jaakko Simonen, Rauli Svento, Artti Juutinen***REGIONAL DEVELOPMENT OF THE HIGH TECHNOLOGY INDUSTRIES*

745

**David Catherine, Sylvie Charlot, Frederic Corroleur***GEOGRAPHICAL VERSUS TECHNOLOGICAL DISTANCE IN R&D ALLIANCES; THE CASE OF BIOTECHNOLOGIES*

1417

**Tomokazu Arita***A COMPARATIVE ANALYSIS OF THE GEOGRAPHY OF INNOVATION IN THE GLOBAL SEMICONDUCTOR INDUSTRIES*

1625

**Sven Conventz, Alain Thierstein***THE KNOWLEDGE ECONOMY, HUB AIRPORTS AND ACCESSIBILITY. A LOCATION BASED PERSPECTIVE.*

1569

**Pedro Varela Vázquez, María del Carmen Sánchez Carreira***THE DEVELOPMENT OF WIND ENERGY IN GALICIA: PUBLIC POLICIES, EFFECTS ON THE ECONOMY AND INTERNATIONAL COMPARISON*

1485

**Edward Feser***CONCENTRATION, CO-AGGLOMERATION, AND URBAN HIERARCHIES IN THE SPATIAL DISTRIBUTION OF KNOWLEDGE-INTENSIVE INDUSTRIES IN THE US*

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*Special Session*

**ZV. SS- CREATIVITY AND REGIONAL DEVELOPMENT**

*Chair: Ebru Kerimoglu*

**Emanuela Marrocu, Raffaele Paci**

*EDUCATION OR JUST CREATIVITY: WHAT MATTERS MOST FOR ECONOMIC PERFORMANCE?*

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*CREATIVE WORKERS AND REGIONAL DEVELOPMENT. TOWARDS A CLASSIFICATION OF SPATIAL EFFECTS*

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**Rafael Boix Domenech, Luciana Lazzeretti, José Luis Hervás Oliver, Blanca De Miguel Molina, Borja Trujillo Ruiz**

*CREATIVE CLUSTERS IN EUROPE: A MICRODATA APPROACH*

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*O Session*

**W. URBAN GOVERNANCE AND CITIES REGENERATION**

*Chair: Hermanus Geyer Jr*

**Paulo Neto, Maria Manuel Serrano**

*GOVERNANCE AND CITY REGENERATION - A NEW METHODOLOGICAL APPROACH FOR DESIGN AND EVALUATION*

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*PUBLIC SPACES IN MIDDLE-SIZED TOWNS - CRISIS AND RENEWAL UNDER CONDITIONS OF SYSTEM TRANSFORMATION IN POLAND*

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**Costas Portokalidis, Foteini Zygouri**

*ALTERNATIVE URBAN REGENERATION POLICIES OF BROWN FIELDS LIKE OLD MILITARY CAMPS FOR THE CITY OF ALEXANDROUPOLIS*

1492

**Iluminada Fuertes, David Cabedo**

*SOCIAL RETURN AND FINANCING OF URBAN REGENERATION POLICIES*

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**Hermanus Geyer Jr**

*THE RETAIL CITY IN GREATER BIRMINGHAM - THE CHANGING FACE OF URBAN RETAIL DISTRICTS AS A RESULT OF RETAIL-LED REGENERATION AND CONTAINMENT POLICY*

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*Special Session*

**ZZ. SS- INTERREGIONAL MIGRATION**

*Chair: Henri De Groot*

**Ernest Miguelez, Rosina Moreno**

*SPATIAL MOBILITY AND LOCATION CHOICES OF HIGHLY SKILLED WORKERS* 711

**Katrin Klein-Hitpass**

*PATTERNS OF HIGH-SKILLED RETURN MIGRATION TO POLAND  
AND THE IMPLICATIONS FOR REGIONAL DEVELOPMENT* 760

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8:45 - 10:30

Room 122\_Fri\_1

*R Session*

**I. REGIONAL POPULATION CHANGE, MIGRATION, DIASPORAS  
AND DVLP**

*Chair: Klaus Nowotny*

**Melania Salazar-Ordóñez, Carlos García-Alonso, Gabriel Perez-Alcalá**

*WAGE GAPS AND MIGRATION COSTS: AN ANALYSIS FROM SIMULATION DATA* 347

**Gemma Larramona**

*DETERMINANTS OF RETURN MIGRATION IN SPAIN IN ITS NEW ROLE AS A RECEIVING  
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*WELFARE MAGNETS, TAXATION AND THE LOCATION DECISIONS OF MIGRANTS  
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Room 123\_Fri\_1

*R Session*

## **K. SPATIAL ISSUES OF THE LABOUR MARKET**

*Chair: Inge Noback*

**Isabel Raposo, Tatiane Menezes**

*WAGE DIFFERENTIALS BY FIRM SIZE: THE EFFICIENCY WAGE TEST IN A DEVELOPING COUNTRY*

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**Yolanda Pena-Boquete, Melchor Fernandez**

*COULD GENDER WAGE DISCRIMINATION EXPLAIN REGIONAL DIFFERENCES IN PRODUCTIVITY?*

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**Inge Noback, Lourens Broersma, Jouke van Dijk**

*GENDER-SPECIFIC DYNAMICS IN WORKING HOURS*

1308

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11:00 - 12:45

Aula Magna\_Fri\_2

*Special Session*

## **THE TERRITORIAL IMPACT OF THE ELECTRIC CAR**

*Chair: Miquel Cruz*

**Miquel Cruz, Aitor Romero**

*REGIONAL ENVIRONMENTAL IMPACTS OF ELECTRIC VEHICLES: THE SPANISH CASE STUDY*

A0022

**Tomás Gómez**

*REGULATORY ISSUES FOR INTEGRATING ELECTRIC VEHICLES IN TO ELECTRIC NETWORK*

A0023

**Santiago Cascante**

*TBA*

A0024

11:00 - 12:45

Sala d'Actes\_Fri\_2

*O Session*

**Y. BARCELONA AS A CASE STUDY**

*Chair: Josep Roca*

**Blanca Gutiérrez Valdivia**, Pilar García Almirall

*IMMIGRANT POPULATION, PUBLIC SPACE AND HOUSING IN BARCELONA*

**Blanca Arellano**, Montserrat Moix, **Josep Roca**

*TOWARDS A NEW METHODOLOGY TO EVALUATE THE URBAN STRUCTURE OF THE METROPOLITAN SYSTEMS; CHICAGO AND BARCELONA METROPOLITAN AREAS AS EXAMPLES.*

1779

**Nicola Colaninno**, **Josep Roca**, Karin Pfeffer

*URBAN FORM AND COMPACTNESS OF MORPHOLOGICAL HOMOGENEOUS DISTRICTS IN BARCELONA: TOWARDS AN AUTOMATIC CLASSIFICATION OF SIMILAR BUILT-UP STRUCTURES IN THE CITY*

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Room 3\_Fri\_2

*O Session*

**M. CLIMATE CHANGE AND ITS IMPLICATIONS FOR URBAN AND REGIONAL DEVELOPMENT**

*Chair: Shiro Kawai*

**Atsumi Furuya**, Masahito Fukami, Harald Ellingsen, Seiichi Kagaya

*THE INVESTIGATION INTO THE ENERGY CONSUMPTION IN SOME JAPANESE FISHERIES AND THE MEASURES TO REDUCE CO2 EMISSIONS*

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**Sofia Franco**, Antonieta Sa, Renato Rosa

*URBAN DEVELOPMENT AND URBAN DEFORESTATION*

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**Shiro Kawai**, Kouchi Tonosaki, Kouji Tokoro

*INVESTIGATION ON THE COOLING POTENTIAL OF URBAN GREENERY SPACES IN SUMMER*

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- Andrés Artal Tur**, José Miguel Navarro Azorín, Luisa Alama Sabater, Antonio García Sánchez  
*THE ROLE OF DESTINATION SPATIAL SPILLOVERS AND TECHNOLOGICAL INTENSITY  
IN THE LOCATION OF MANUFACTURING AND SERVICES FIRMS* 777
- Oscar Martínez-Ibáñez, **Miguel Manjón-Antolín**, Josep-Maria Arauzo-Carod  
*ESTIMATING THE GEOGRAPHICAL SCOPE OF ECONOMIC VARIABLES: WHO'S YOUR  
NEIGHBOUR AND WHAT'S HER INFLUENCE?* 894
- Michaela Fuchs**  
*HOW IMPORTANT ARE AGGLOMERATION EFFECTS FOR PLANT PERFORMANCE?  
EMPIRICAL EVIDENCE FOR GERMANY* 912
- Eckhardt Bode**, Franz-Josef Bade Bade, Eleonora Cutrini  
*DOMESTIC AND INTERNATIONAL OFFSHORING OF TASKS* 1840

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*O Session***S. INFRASTRUCTURE, TRANSPORTS AND COMMUNICATIONS***Chair: Mark Koetse*

- Raimonds Aronietis, Jędrzej Gadziński, **Anna Goledzinowska**, Tom Pauwels, Thierry Vanellander, Rafal Wasil  
*IMPROVING PORT HINTERLAND CONNECTION CAPACITY: A COMPARATIVE STUDY  
OF POLISH AND BELGIAN CASES* 602
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*AUTOMATICALLY GENERATED PORT HINTERLANDS* 560
- Arnstein Gjestland**, David McArthur, Liv Osland, Inge Thorsen  
*ALTERNATIVE METHODS FOR QUANTIFYING COMMUTING-RELATED BENEFITS  
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- Senay Oguztimur**  
*WHY FUZZY ANALYTIC HIERARCHY PROCESS APPROACH FOR TRANSPORT PROBLEMS?* 438
- Gonzalo Cantos Mateos**  
*UNPLUGGED CITY ESCAPING FROM GLOBAL NETWORKS AND FLOWS TRAP?  
NEW GEOGRAPHIES OF LOGISTICS URBAN AND REGIONAL IMPLICATIONS* 795
- Mark Koetse**, Anco Hoen  
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OF GOVERNMENT INVESTMENT IN INFRASTRUCTURE* 382**Andreas Stephan***ACCESSIBILITY AND PRODUCTIVITY* 455

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11:00 - 12:45

Room 7\_Fri\_2

*R Session***S. INFRASTRUCTURE, TRANSPORTS AND COMMUNICATIONS***Chair: Ofelia Betancor***Yoji Kunimitsu***CAN ASSET MANAGEMENT MEASURES FOR AGRICULTURAL PUBLIC FACILITIES  
IMPROVE SOCIAL WELFARE?: APPLICATION OF THE DYNAMIC COMPUTABLE GENERAL  
EQUILIBRIUM MODEL* 1056**Vincent Van Den Berg***THE EFFECT OF PRIVATE ROAD SUPPLY ON THE VOLUME/CAPACITY RATIO WHEN  
FIRMS COMPETE STACKELBERG IN ROAD CAPACITY* 1203**Julia Spies, Joern Kleinert***TRANSPORT COSTS IN INTERNATIONAL TRADE* 625**Ofelia Betancor, Juan Luis Jiménez***WHEN TRAINS GO FASTER THAN PLANES: THE STRATEGIC REACTION OF AIRLINES  
IN SPAIN* 295

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Room 8a\_Fri\_2

*R Session*

**A. REGIONAL ECONOMIC GROWTH AND DEVELOPMENT**

*Chair: Hildegunn Stokke*

**Stilianos Alexiadis, Matthias Koch, Tamás Krisztin**

*TIME SERIES AND SPATIAL INTERACTION: AN ALTERNATIVE METHOD TO DETECT  
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1678

**Jan Mutl, Manfred Fischer**

*REGIONAL CONVERGENCE CLUBS IN EUROPE: A MARKOV CHAIN MONTE CARLO  
APPROACH*

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**Eero Lehto**

*ON REGIONAL SPECIALIZATION OF HIGH- AND LOW-TECH INDUSTRIES*

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**Hildegunn Stokke, Jørn Rattsø**

*ACCUMULATION OF EDUCATION AND REGIONAL INCOME GROWTH: LIMITED  
HUMAN CAPITAL EFFECTS IN NORWAY*

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11:00 - 12:45

Room 8b\_Fri\_2

*O Session*

**A. REGIONAL ECONOMIC GROWTH AND DEVELOPMENT**

*Chair: Henri De Groot*

**Kurt Geppert**

*REGIONAL PATTERNS OF INTANGIBLE CAPITAL, AGGLOMERATION EFFECTS AND  
LOCALISED SPILLOVERS IN GERMANY*

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**Konstantinos Melachroinos, Nigel Spence**

*THE SPATIAL FOOTPRINT OF THE KNOWLEDGE ECONOMY: THE ROLE OF INTANGIBLE  
INVESTMENT ON REGIONAL INEQUALITIES IN GREAT BRITAIN*

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**Martin Andersson, Johan Klaesson, Johan P Larsson**

*ECONOMIC DENSITY - OLD QUESTION, IMPROVED ANSWER*

1807

**Raquel Ortega-Argiles, Rui Baptista, Claudio Cozza, Mariacristina Piva**

*PRODUCTIVITY GAPS AMONG EUROPEAN REGIONS*

1397

**Gert-Jan Linders, Tatyana Bulavskaya, Henri De Groot, Ferdinand Paraguas**

*DETERMINANTS OF REGIONAL PRODUCTIVITY GROWTH IN EUROPE: AN EMPIRICAL  
ANALYSIS*

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11:00 - 12:45

Room 9a\_Fri\_2

*O Session***D. AGGLOMERATION, CLUSTERS AND POLICY***Chair: Josep Roca***Yuri Yegorov***POTENTIAL AND SPATIAL STRUCTURE OF POPULATION*

110

**Özge Öner***LOCATION OF RECREATION - A PROBABILITY PRESENCE APPROACH*

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**Margaret Rose Olfert***PLACES FOR PLACE-BASED POLICY*

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**Josep Roca, Blanca Arellano***DOES THE SIZE MATTER? ZIPF'S LAW FOR CITIES REVISITED*

374

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11:00 - 12:45

Room 9b\_Fri\_2

*O Session***J. SOCIAL SEGREGATION POVERTY AND SOCIAL POLICY***Chair: Carmen Beatrice Pauna***Funda Yirmibesoglu, Nilgun Ergun***FEAR OF CRIME IN ISTANBUL CITY CENTER*

469

**Fani Bakratsa***THE PERCEPTION OF FEAR CONDITIONING URBAN SPACE*

975

**Deniz Deniz***REDUCING FEAR OF CRIME FOR SUSTAINING CITIES; A CASE STUDY FROM TURKEY.*

1176

**Carmen Beatrice Pauna, Raluca Sfetcu, Marioara Iordan***THE IMPACT OF POVERTY ON MENTAL HEALTH AND WELL-BEING**AND THE NECESSITY FOR INTEGRATED SOCIAL POLICIES IN ROMANIA*

1495

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11:00 - 12:45

Room 10\_Fri\_2

*R Session*

## **U. LOCATION STUDIES**

*Chair: Adelheid Holl*

- Martin Balej**, Pavel Raška, Jiří Anděl, Jaroslav Koutský, Petra Olšová  
*COMPARING REGIONAL DIFFERENTIATION OF LAND COVER CHANGES IN NATURAL AND ADMINISTRATIVE REGIONS OF THE CZECH REPUBLIC USING MULTIVARIATE STATISTICS* 768
- Toshiharu Ishikawa, Rickard Wall**  
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- Rafa Madariaga, **Joan Carles Martori**, Ramon Oller  
*INCOME, DISTANCE AND SPATIAL EFFECTS IN THE MONOCENTRIC MODEL. THE BARCELONA METROPOLITAN AREA CASE.* 511
- Adelheid Holl**, Rafael Pardo, Ruth Rama  
*SPATIAL PATTERNS OF ADOPTION OF JUST-IN-TIME MANUFACTURING* 385

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Room 11\_Fri\_2

*O Session*

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*Chair: John Carruthers*

- Eva Gutierrez-i-Puigarnau**, Jos van Ommeren  
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*HETEROGENEOUS SKILLS, MIGRATION, AND COMMUTING* 1802
- Orit Rotem-Mindali**  
*URBAN MOBILITY AND SPATIAL FRAGMENTATION OF RETAIL CENTERS* 797
- Peter Mulder**, Raymond Florax  
*URBAN HETEROGENEITY AND THE SPATIAL EVOLUTION OF URBAN AREAS IN THE US* 1399
- John Carruthers**, Mark Partridge  
*CENTRAL PLACE THEORY: A HISTORICAL OVERVIEW AND ANALYSIS OF THE CONTEMPORARY AMERICAN SYSTEM* 239

11:00 - 12:45

Room 101\_Fri\_2

*Special Session***ZE. SS- TERRITORIAL GOVERNANCE***Chair: André Torr  JB Traversac***Frederic Wallet, Andre Torre***THE INTRIGUING QUESTION OF REGIONAL AND TERRITORIAL DEVELOPMENT  
IN RURAL AREAS: ANALYTICAL VARIATIONS AND PUBLIC POLICY*

1609

**Jose Afonso Teixeira, Margarida Pereira, Daniel Gil***TERRITORIAL CAPITAL AND GOVERNANCE IN RURAL AREAS: THE PROVERE PROGRAM  
IN PORTUGAL*

1716

**Mika l Akimowicz, Christoph Sahrbacher, Arlette Ostermeyer, Aude Ridier,  
Jacques-Eric Bergez, Denis Requier-Desjardins***AGENT-BASED MODELING FOR IMPACT ASSESSMENT OF URBAN SPRAWL ON CASH  
CROP FARM STRUCTURE IN LAURAGAIS*

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11:00 - 12:45

Room 102\_Fri\_2

*O Session***ZE. SS- TERRITORIAL GOVERNANCE***Chair: Andr  Torr  JB Traversac***Bernard Mondy, Agnes Terrieux***AGRIPROXI: AN ATTEMPT OF REINVENTION OF THE LINKS BETWEEN URBAN  
AND RURAL SPACES.*

1671

**Samuel Comps, Claustriaux Jean-Jacques, Vandercammen Marc, Horge El onore,  
Lebailly Philippe***LOCAL FOOD SYSTEMS IN WALLOON REGION (BELGIUM): DEFINITION AND TRENDS  
IN SUPPLY AND DEMAND*

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**Leila Kebir, Jean-Baptiste Traversac, Corinne Blanquart***AGRICULTURE AND THE CITY: SHORT SUPPLY FOOD CHAINS AS A MEAN FOR TERRITORIAL  
DEVELOPMENT? THE CASE OF BOX SCHEMES DEVELOPMENT IN PARIS REGION*

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11:00 - 12:45

Room 103\_Fri\_2

*O Session*

**T. LAND USE REAL ESTATE AND HOUSING MARKETS**

*Chair: Ulf Johansen*

- Nathalie Picard**, Matthieu de Lapparent, André de Palma  
*HOUSEHOLD LOCATION, DWELLING AND TENURE TYPES IN A DYNAMIC CONTEXT* 1527
- Mihai Tivadar, Nathalie Bertrand**, Mbolatiana Rambonilaza  
*RESIDENTIAL DEMAND OF AGED HOUSEHOLDS* 1419
- Christof Zöllig**, Kay W. Axhausen  
*A CONCEPTUAL, AGENT-BASED MODEL OF LAND DEVELOPMENT FOR URBANSIM* 1149
- Miguel Vargas Roman**, Fernando Lefort  
*TACIT COLLUSION IN SANTIAGO HOUSING MARKET* 947
- Ulf Johansen, Heidi Bull-Berg**  
*WHICH HOUSING TYPE IN WHICH NEIGHBORHOOD?* 1359

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11:00 - 12:45

Room 104\_Fri\_2

*Special Session*

**ZU. SS- THE WEB OF HOUSING SUPPLY: MARKETS, FINANCE,  
DEVELOPMENT AND INFRASTRUCTURES**

*Chair: Yuri Yegorov*

- Coro Chasco**, Julie Le Gallo  
*THE IMPACT OF OBJECTIVE AND SUBJECTIVE MEASURES OF AIR QUALITY AND NOISE  
ON HOUSE PRICES: A MULTILEVEL APPROACH FOR DOWNTOWN MADRID* 168
- Andrew Martel**  
*NICHE MARKET: INVESTMENT MARKET INFLUENCE IN CREATING A NEW FORM  
OF STUDENT-HOUSING IN MELBOURNE* 1034
- Gavin Wood**  
*URBAN GROWTH MANAGEMENT CONTROLS AND THEIR IMPACT ON LAND VALUES* 1040
- Gwilym Pryce**  
*THROUGH MANY DANGERS, TOILS & SNARES: FINDING A PATH THROUGH THE MAZE  
OF HOUSING MARKET INDICATORS* 1373

11:00 - 12:45

Room 105\_Fri\_2

*Special Session***ZZE. SS- CULTURAL DIVERSITY, SKILLS AND PRODUCTIVITY:  
THE LABOUR MARKET IMPACTS OF IMMIGRANTS***Chair: Thomas De Graaff***Giacomo De Luca, Jeroen Schokkaert***CULTURAL DIFFERENCES AND CULTURAL ASSIMILATION: EVIDENCE FROM SOUTHERN  
EUROPEAN PLAYERS IN THE ENGLISH PREMIER LEAGUE*

135

**Max Steinhardt***IMMIGRATION & ELECTION OUTCOMES - EVIDENCE FROM LOCAL DISTRICTS  
IN HAMBURG*

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**Masood Gheasi, Peter Nijkamp, Piet Rietveld***MIGRANTS AND INTERNATIONAL ECONOMIC LINKAGES: A META-OVERVIEW*

1093

**Katrin Klein-Hitpass***MIGRANTS AS KNOWLEDGE BROKERS AND INSTITUTIONAL INNOVATORS:  
NEW THEORETICAL CONCEPTUALISATIONS AND THE EXAMPLE OF POLAND*

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Room 109\_Fri\_2

*O Session***E. REGIONAL POLICY IN EUROPE***Chair: Augusto Cerqua***Miroslav Šipikal***EFFECTIVENESS OF STRUCTURAL FUNDS - MICROLEVEL PERSPECTIVE  
(CASE OF SLOVAKIA)*

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**Philipp Breidenbach, Timo Mitze, Christoph Schmidt***EVALUATING EU REGIONAL POLICY: MANY EMPIRICAL SPECIFICATIONS, ONE  
(UNPLEASANT) RESULT*

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**Eduarda Marques Da Costa, Patricia Abrantes, Ana Louro, Paulo Morgado***EVALUATION OF PUBLIC POLICIES IN PORTUGUESE REGIONAL DEVELOPMENT  
CONTEXT - A PRELIMINARY METHODOLOGICAL APPROACH SUPPORTED  
IN NORTH REGION*

1804

**Paolo Rizzi, Antonio Dallara***THE EVALUATION OF NEGOTIATED PLANNING IN ITALY: COUNTERFACTUAL ANALYSIS*

682

**Guido Pellegrini, Augusto Cerqua***ARE THE SUBSIDIES TO PRIVATE CAPITAL USEFUL? A MULTIPLE REGRESSION  
DISCONTINUITY DESIGN APPROACH*

1323

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11:00 - 12:45

Room 110\_Fri\_2

*Special Session*

**ZW. SS- TURKISH CASES IN CONTEMPORARY ISSUES/DIMENSIONS FOR REGIONAL DEVELOPMENT**

*Chair: Ferhan Gezici*

- Serkan Degirmenci**, Zeynep Yilmaz, Gulcin Elif Yucel  
*DOES HIGHER SHARE IN TOTAL TRADE STIMULATE REGIONAL LABOR MARKET OUTCOMES? THE CASE OF TURKEY* 1371
- Ertan Oktay**, Giray Gozgor  
*TRADE AND REGIONAL DEVELOPMENT IN A DEVELOPING COUNTRY: THE CASE OF TURKEY* 890
- Fatma Dogruel, A. Suut Dogruel**, B. Can Karahasan  
*MARKET POTENTIAL AND REGIONAL DISPARITIES IN TURKEY* 1601
- Ferhan Gezici**  
*REGIONAL DISPARITIES AND THE PERFORMANCE OF PERIPHERAL REGIONS IN TURKEY* 147

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11:00 - 12:45

Room 111\_Fri\_2

*R Session*

**G. GLOBALISATION AND REGIONAL COMPETITIVENESS**

*Chair: Salvador Gil-Pareja*

- Gilberto Fraga, Carlos Bacha**  
*THE NON-LINEARITY OF THE RELATIONSHIP BETWEEN HUMAN CAPITAL AND EXPORTS IN BRAZIL - EVIDENCES OF REGIONAL DIFFERENCES* 1016
- Hajime Takatsuka, Dao-Zhi Zeng**  
*ECONOMIC INTEGRATION AND WELFARE: MANUFACTURING VS. AGRICULTURAL MARKETS* 1720
- Salvador Gil-Pareja**  
*DO NONRECIPROCAL PREFERENCE REGIMES INCREASE EXPORTS?* 1561

11:00 - 12:45

Room 112\_Fri\_2

*O Session***P. GEOGRAPHICAL INFORMATION SYSTEMS AND SPATIAL ANALYSIS***Chair: Poullicos Prastacos*

- Stefania Tonin, Laura Fregolent, Mauro Calzavara, Massimo Mazzanti**  
*COMPARING URBAN SPRAWL PATTERNS WITH THE COSTS OF PROVIDING PUBLIC SERVICES: A TIME SERIES ANALYSIS* 849
- Alejandro Marambio, Juan Corso, Pilar Garcia-Almirall**  
*MORPHOLOGICAL ANALYSIS OF THE HISTORICAL CENTRE OF LLORET DE MAR, CATALUNYA* 1219
- Wawrzyniec Zipser, Tadeusz Zipser**  
*THE POLAR PROJECTION - AN ALTERNATIVE APPROACH FOR SPATIAL ANALYSIS* 1497
- Sabrina Lai**  
*MARINAS AND OTHER PORTS AND FACILITIES FOR THE RECREATIONAL CRAFT SECTOR: AN ONTOLOGY DOMAIN TO SUPPORT SPATIAL PLANNING.* 1535
- Senem Kozaman, Betül Sengezer, Emrah Altinok**  
*DEFINING URBAN COMPLEX PROBLEMS WITH FUZZY ANALYSIS: THE CASE OF SÖKE SETTLEMENT IN TURKEY* 1734
- Poullicos Prastacos, Nektarios Chrysoulakis**  
*URBAN ATLAS, LAND USE MODELLING AND SPATIAL METRIC TECHNIQUES* 1406

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11:00 - 12:45

Room 113\_Fri\_2

*Special Session***ZN. SS-RETHINKING THE ECONOMIC REGION. NEW CHALLENGES FOR THE REGIONAL ANALYSIS WITH DATA AT SMALL SCALE***Chair: Fernando Rubiera Morollon*

- Fernando Rubiera Morollón, Ana Viñuela**  
*ECONOMIC REGIONS BASED ON THE AGGLOMERATION ECONOMICS: AN EVALUATION FOR THE SPANISH CASE.* 206
- Fabio Sforzi**  
*FROM ADMINISTRATIVE SPATIAL UNITS TO LOCAL LABOUR MARKET AREAS. SOME REMARKS ON THE UNIT OF ANALYSIS OF REGIONAL ECONOMICS WITH PARTICULAR REFERENCE TO THE APPLIED RESEARCH IN ITALY* 688
- Monica Brezzi, Mario Piacentini, Daniel Sanchez-Serra**  
*DEFINING AND MEASURING METROPOLITAN AREAS* 1441
- Rafael Boix Domenech, Paolo Veneri, Vincent Almenar, Francesc Hernández**  
*POLYCENTRIC METROPOLITAN AREAS IN EUROPE TOWARDS A UNIFIED PROPOSAL OF DELIMITATION* 515
- Federico Pablo-Martí, Josep Maria Arauzo-Carod**  
*CLUSTER ANALYSIS USING MICROGEOGRAPHIC DATA* 284

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11:00 - 12:45

Room 114\_Fri\_2

*O Session*

## **H. CROSS-BORDER COOPERATION AND DEVELOPMENT**

*Chair: Claire Colomb*

### **Mehmet Kucukmehmetoglu**

*ENERGY AND AGRICULTURAL POLICIES OVER THE TRANSBOUNDARY SURFACE WATER RESOURCES*

1183

### **Adi Weidenfeld**

*THE ROLE OF TOURISM IN EUROPEAN CROSS BORDER REGIONAL INNOVATION SYSTEMS*

80

### **Iva Pires, Flávio Nunes**

*DE-BORDERING AND REGIONAL INEQUALITIES OF THE PORTUGUESE AND SPANISH BORDER REGIONS*

1721

### **Dimitris Kallioras, Panagiotis Artelaris, Lefteris Topaloglou, Maria Tsiapa**

*DETECTING THE GROWTH PATTERN(S) OF THE EU BORDER REGIONS: A CONVERGENCE CLUBS APPROACH.*

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### **Claire Colomb, Francesc Morata**

*DEVELOPING A CONCEPTUAL AND METHODOLOGICAL FRAMEWORK FOR ASSESSING POLICY LEARNING IN EUROPEAN TERRITORIAL COOPERATION PROJECTS*

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11:00 - 12:45

Room 115\_Fri\_2

*Special Session*

## **ZF. SS- TOURISM EXTERNALITIES**

*Chair: Bianca Biagi*

### **Manuela Pulina**

*THE POSITIVE EXTERNALITIES OF AN ART MUSEUM. A ZERO-TRUNCATED POISSON APPROACH*

1411

### **Enrica Mazzucchi, Valentina Mini**

*EXPLORING THE LINK BETWEEN INDUSTRIAL AGGLOMERATION AND BUSINESS TRAVEL: A CASE STUDY OF THE "FASHION VALLEY" IN TICINO*

1440

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*QUANTIFICATION AND GENERAL CHARACTERIZATION OF TOURISM EMPLOYMENT IN URUGUAY*

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11:00 - 12:45

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*O Session***N. ENTREPRENEURSHIP, NETWORKS AND INNOVATION***Chair: Michael Barber***Jose Polo**, Néstor Duch, Martí Parellada*UNIVERSITY AS A COLLABORATOR PARTNER AND FIRM'S PERFORMANCE: MEASURING BEHAVIORAL ADDITIONALITY*

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**Camilla Lenzi**, Stefano Breschi*NET IN THE CITY. CO-INVENTION NETWORKS AND THE INVENTIVE PRODUCTIVITY OF US CITIES*

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**Thomas Scherngell**, Rafael Lata*INTEGRATION IN THE EUROPEAN RESEARCH AREA BY MEANS OF THE EUROPEAN FRAMEWORK PROGRAMMES. FINDINGS FROM EIGENVECTOR FILTERED SPATIAL INTERACTION MODELS*

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**Renato Garcia**, Veneziano Araujo, Suelene Mascarini, Emerson Santos*UNIVERSITY-INDUSTRY LINKAGES AND THE ROLE OF THE GEOGRAPHICAL PROXIMITY*

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**Michael Barber**, Thomas Scherngell*IS THE EUROPEAN R&D NETWORK HOMOGENEOUS? SPATIAL INTERACTION MODELING OF NETWORK COMMUNITIES DETERMINED USING GRAPH THEORETIC METHODS*

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11:00 - 12:45

Room 117\_Fri\_2

*R Session***O. INNOVATION, KNOWLEDGE, ECONOMY AND REGIONAL DEVELOPMENT***Chair: Manfred M. Fischer***Christian Sommeregger**, Christoph Hammer, Daniel Bekesi, Matthias Koch*A SPATIAL PANEL DATA VERSION OF THE KNOWLEDGE CAPITAL MODE*

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**Fernando Barreiro-Pereira***TECHNICAL PROGRESS EFFECTS ON PRODUCTIVITY AND GROWTH IN THE COMMONWEALTH OF NATIONS (1993-2009)*

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**Mercedes Teruel**, Agustí Segarra*PRODUCTIVITY AND R&D SOURCES IN MANUFACTURING AND SERVICE FIRMS IN CATALONIA: A REGIONAL APPROACH*

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**Manfred M. Fischer**, James P. LeSage*ESTIMATES OF THE IMPACT OF STATIC AND DYNAMIC KNOWLEDGE SPILLOVERS ON REGIONAL FACTOR PRODUCTIVITY*

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*O Session***O. INNOVATION, KNOWLEDGE, ECONOMY AND REGIONAL DEVELOPMENT***Chair: María Del Carmen Sánchez Carreira*

- Esther Goya**, Esther Vayá, Jordi Suriñach  
*PRODUCTIVITY AND R&D SPILLOVERS: MICRO EVIDENCE FROM SPAIN* 1106
- Alexander Pelyasov**, Nataliya Galtseva, Igor Batsaev, Igor Golubenko  
*KNOWLEDGE TRANSFER INSIDE THE REGIONAL ECONOMIC SYSTEM: THE CASE OF EIGHTY YEARS OF ECONOMIC HISTORY OF THE RUSSIAN NORTH-EAST* 52
- Mariasole Banno**, Marika Vezzoli, Maurizio Carpita  
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- Robert Sörensson**  
*VARIATION IN PRODUCTIVITY AND ABSORPTIVE CAPACITY: EVIDENCE FROM SINGLE PLANT FIRMS IN SWEDEN* 263
- Torben Klarl**  
*A SPATIAL RELATED NOTE ON ENTREPRENEURSHIP AND ECONOMIC GROWTH* 278
- María Del Carmen Sánchez Carreira**, Xavier Vence Deza, Óscar Rodil Marzábal  
*A COMPARATIVE STUDY OF TARGETED INNOVATION POLICIES FOR DEVELOPING NEW SECTORS* 1388

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*Special Session***ZV. SS- CREATIVITY AND REGIONAL DEVELOPMENT***Chair: Ebru Kerimoglu*

- Sebastien Chantelot**, Peres Stephanie, Virol Stephane  
*FROM TALENT TO CREATIVE CITY: TOWARDS A CONCEPTUAL FRAMEWORK* 373
- Jan Wedemeier**  
*CREATIVE PROFESSIONALS AND HIGH-SKILLED AGENTS: POLARIZATION OF EMPLOYMENT GROWTH?* 489
- EBRU KERIMOGLU**, CAN KARAHASAN  
*ROLE OF SPATIAL DISPERSION OF CREATIVE CAPITAL FOR UNDERSTANDING REGIONAL DIFFERENCES IN SPAIN* 697
- Elisabete Tomaz**, Catarina Selada, Inés Vilhena da Cunha  
*CREATIVE-BASED STRATEGIES IN SMALL AND MEDIUM-SIZED CITIES: SOME EUROPEAN STUDY CASES* 893

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Room 120\_Fri\_2

*Special Session***ZO. SS- ESTIMATING REG. IMPACTS OF GLOBAL CLIMATE CHANGES***Chair: Carlos Azzoni***Julia Kowalewski***ESTIMATING INDIRECT DAMAGES FROM DISASTERS: THE CASE OF HAMBURG* 306**Peter Nijkamp, Eveline Van Leeuwen, Piet Rietveld***CLIMATE CHANGE: FROM GLOBAL CONCERN TO REGIONAL CHALLENGE* 1808**Carlos Azzoni, Eduardo Haddad***ESTIMATING THE IMPACTS OF CLIMATE CHANGE ON BRAZILIAN REGIONS* 410

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11:00 - 12:45

Room 121\_Fri\_2

*Special Session***ZZ. SS- INTERREGIONAL MIGRATION***Chair: Alessandra Faggian***Fernando González-Laxe, Federico Martin-Bermudez, Federico Martin-Palmero***INTERREGIONAL MOBILITY OF THE PRODUCTIVE FACTORS AND THE STRUCTURAL DEFICIENCIES IN THE ECONOMY: THE EXPULSION OF MANPOWER FROM GALICIA* 1186**Annekatriin Niebuhr, Nadia Granato, Anette Haas, Silke Hamann***THE IMPACT OF MIGRATION ON REGIONAL DISPARITIES IN GERMANY -EVIDENCE FOR DIFFERENT SKILL LEVELS* 413**Maria Abreu, Alessandra Faggian, Philip McCann***MIGRATION AND INTER-INDUSTRY MOBILITY OF UK GRADUATES: EFFECT ON EARNINGS AND CAREER SATISFACTION* 118

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11:00 - 12:45

Room 122\_Fri\_2

*O Session*

## **I. REGIONAL POPULATION CHANGE, MIGRATION, DIASPORAS AND DVLP**

*Chair: Gabriele Tondl*

- Antonio Russo**, Ian Smith, Rob Atkinson, Loris Servillo  
*TERRITORIAL ATTRACTIVENESS AND MOBILITY FLOWS ACROSS EUROPE. A REGIONAL CLASSIFICATION PROPOSAL BASED ON THEIR RELATIONSHIPS* 127
- Cecile Detang-Dessendre, **Gary Hunt**, Virginie Piguët, Andrew Plantinga  
*HOUSING PRICES AND INTER-URBAN MIGRATION* 938
- Bruno Cruz**, Pedro Mello, Carlos Oliveira  
*AGGLOMERATION AND MIGRATION IN BRAZIL: AN ANALYSIS OF THE LAST TWO DECADES* 1547
- Lasse Sigbjørn Stambøl**  
*HIGHER EDUCATION INSTITUTIONS, REGIONAL LABOUR MARKETS AND POPULATION DEVELOPMENT* 1403
- Gabriele Tondl**, Peter Huber  
*MIGRATION AND REGIONAL CONVERGENCE IN THE EUROPEAN UNION* 1761

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11:00 - 12:45

Room 123\_Fri\_2

*R Session*

## **K. SPATIAL ISSUES OF THE LABOUR MARKET**

*Chair: Enrique López-Bazo*

- Yusuf Soner Baskaya**, Timur Hulagu  
*INFORMAL-FORMAL WORKER WAGE GAP IN TURKEY: EVIDENCE FROM A SEMI-PARAMETRIC APPROACH* 409
- Ulrich Zierahn**  
*AGGLOMERATION, CONGESTION, AND REGIONAL UNEMPLOYMENT DISPARITIES* 303
- Flora M. Diaz-Perez**, Olga Gonzalez-Morales  
*EMPLOYMENT, GENDER, EDUCATION AND OTHER RELEVANT VARIABLES: THE FINANCIAL CRISIS IMPACT IN SPAIN* 478
- Enrique López-Bazo**, Elisabet Motellón  
*THE REGIONAL DISTRIBUTION OF UNEMPLOYMENT. A MICROECONOMIC PERSPECTIVE* 1128

14:00 - 15:45

Room 5\_Fri\_3

*Refereed Young Scientist Y Session - EPAINOS***A. REGIONAL ECONOMIC GROWTH AND DEVELOPMENT***Chair: Szilvia Kovács***Hasan Engin Duran***SHORT RUN DYNAMICS OF INCOME DISPARITIES AND REGIONAL CYCLE  
SYNCHRONIZATION*

937

**Antje Kroeger, Kristina Meier***WAGE EMPLOYMENT AND THE FINANCIAL CRISIS: A CASE STUDY OF TAJIKISTAN,  
2007-2009*

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**Zsuzsanna Váradi, Szilvia Kovács***TERRITORIAL CONSUMPTION MODELS URBAN SPRAWL (UN)SUSTAINABILITY:  
TIME FOR ANTI SPRAWL?*

1657

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14:00 - 15:45

Room 6\_Fri\_3

*Refereed Young Scientist Y Session - EPAINOS***N. ENTREPRENEURSHIP, NETWORKS AND INNOVATION***Chair: Wenying Fu***Andrew Ross***REGIONAL DETERMINANTS OF ENTREPRENEURSHIP IN A SMALL ECONOMY:  
PANEL DATA EVIDENCE FROM SCOTLAND.*

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**Wenying Fu***HOW IS INNOVATION FOSTERED UNDER DIFFERENT INSTITUTIONAL SETUP:  
COMPARING THE ELECTRONICS CLUSTER IN SHENZHEN AND DONGGUAN, CHINA*

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14:00 - 15:45

Room 7\_Fri\_3

*Refereed Young Scientist Y Session - EPAINOS***Q. SPATIAL ECONOMETRICS***Chair: Matthias Koch***Tamás Krisztin, Matthias Koch***AGENT TEAMS AND EVOLUTIONARY COMPUTATION: OPTIMIZING SEMI- PARAMETRIC  
SPATIAL AUTOREGRESSIVE MODELS*

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**Maria Hierro***EXPLORING SPATIAL CONTAGION IN SPAIN'S INTERNATIONAL MIGRATION  
DISTRIBUTION*

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**Matthias Koch***PARAMETER SPACES FOR STATIONARY DGPS IN SPATIAL ECONOMETRIC MODELLING*

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14:00 - 15:45

Room 8a\_Fri\_3

*Refereed Young Scientist Y Session - EPAINOS*

**W. URBAN GOVERNANCE AND CITIES REGENERATION**

*Chair: Georgia Lalou*

**Melis Oguz, Evren Tok**

*GENTRIFICATION AS A BLANKET CONCEPT: A TALE OF RESISTING AND CONTESTING  
NEOLIBERAL URBANIZATION PROGRAMMES* 201

**Felipe Lucca**

*THE SQUARE AS THE EPICENTER OF LOCAL DEVELOPMENT* 1630

**Georgia Lalou**

*URBAN PLANNING PROJECTS AND REGENERATION STUDIES:  
AN EXAMPLE OF A GREEK CITY: LARISSA (1974-2008)* 1661

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14:00 - 15:45

Room 8b\_Fri\_3

*Refereed Young Scientist Y Session - EPAINOS*

**A. REGIONAL ECONOMIC GROWTH AND DEVELOPMENT**

*Chair: Nikolaos Kapitsinis*

**Rafael González-Val**

*WHAT MAKES CITIES BIGGER AND RICHER? NEW EVIDENCE FROM 1990 2000 IN THE US* 325

**Roberto Dopeso Fernandez**

*MARSHALLIAN AGGLOMERATION ECONOMIES AND ENTREPRENEURSHIP:  
THE SPANISH CASE* 1771

**Nikolaos Kapitsinis, Theodore Metaxas, Marie Noelle Duquenne**

*TERRITORIAL UNITS COMPETITIVENESS: A SELF-RELIANT CONCEPT OR A DERIVATIVE  
CONCEPT OF FIRMS COMPETITION* 1578

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14:00 - 15:45

Room 9a\_Fri\_3

*Refereed Young Scientist Y Session - EPAINOS*

**R. NEW FRONTIERS IN REGIONAL SCIENCE: THEORY AND  
METHODOLOG**

*Chair: Tiago Freire*

**Sylvain Barde**

*BACK TO THE FUTURE: A SIMPLE SOLUTION TO SCHELLING SEGREGATION* 862

**Elisabetta Marinelli**

*GRADUATE MIGRATION IN ITALY - LIFESTYLE OR NECESSITY?* 1608

**Tiago Freire**

*INTERNAL MIGRATION AND URBAN WAGES IN BRAZIL: 1980-2000* 384

14:00 - 15:45

Room 9b\_Fri\_3

*Refereed Young Scientist Y Session - EPAINOS*

**S. INFRASTRUCTURE, TRANSPORTS AND COMMUNICATIONS**

*Chair: Diana Perez-Dacal*

**Koning Martin, Haywood Luke**

*PUSHY PARISIAN ELBOWS: TASTE FOR COMFORT IN PUBLIC TRANSPORT* 815

**Zeynep Gamze Mert, Serhat Yilmaz, Ertan Mert**

*A COMPARISON OF GRADING MODELS FOR NEIGHBORHOOD LEVEL OF FAMILY HOUSING UNITS* 966

**Diana Perez-Dacal, Yolanda Pena-Boquete**

*TEMPORARY EMPLOYMENT IN TOURISM ACTIVITIES: REGIONAL DIFFERENCES IN SPAIN* 1811

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14:00 - 15:45

Room 10\_Fri\_3

*Refereed Young Scientist Y Session - EPAINOS*

**ZZV. SS- 1ST EUROPEAN MEETING OF THE UEA**

*Chair: Philipp Ehrl*

**Kristian Giesen**

*AN ECONOMIC MODEL FOR THE CREATION AND EVOLUTION OF CITIES* 597

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*HETEROGENEOUS COMMUNITY CHOICES IN A TRANSITIONAL HOUSING MARKET: NEW EVIDENCE FROM BEIJING, CHINA* 593

**Megha Mukim**

*INDUSTRY AND THE URGE TO CLUSTER - A STUDY OF THE INFORMAL SECTOR IN INDIA* 586

**Philipp Ehrl**

*THE DETECTION OF AGGLOMERATION ECONOMIES WITH CONSISTENT PRODUCTIVITY ESTIMATES* 622

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16:45 - 18:00

Aula Magna\_Fri\_4

*Plenary Session 5: Closing Ceremony*

**Piet Rietveld**

*SPATIAL DIMENSIONS OF CLIMATE CHANGE ADAPTATION*