

OECD Trento Centre for Local Development

# ERSA – OECD Winter School 2019

Spatial productivity for regional and local development

21-25 January 2019 | Trento, Italy

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## COURSE OUTLINE & AGENDA



## ■ The Winter School

The European Regional Science Association and the OECD are pleased to announce their collaboration in organising the 2nd ERSA Winter School. The ERSA-OECD Winter School is co-organised with help from the Italian Section of ERSA, AISRe. The School takes place on January 21-25, 2019, at the OECD Trento Centre for Local Development in Trento, Italy.

## ■ Objectives

The ERSA-OECD Winter School 2019, in collaboration with the OECD Spatial Productivity Lab, aims to provide PhD Students and young researchers with the very latest advances in regional science on the topics of spatial productivity and local development.

Theoretical, empirical and policy analysis research is welcome. Researching spatial productivity-related challenges in order to support both spatially more inclusive growth and higher aggregate productivity levels in countries is the aim of the OECD Spatial Productivity Lab based in Trento, Italy. The Winter School seeks to encourage close interactions among and feedback from participants and top senior researchers, as well as internationally recognised analysts.

## ■ Background

Over the recent years, the prevailing perspective on regional policy has changed. The new regional policy paradigm focuses on growth, competitiveness, well-being and seeks to connect regional dimensions to macro outcomes more directly.

The policy approach has shifted from compensating regions for local asymmetric effects of macro policies to finding the best ways for each region to contribute to the aggregate performance. As today's major macrostructural challenges are the faltering productivity growth and increasing inequalities, the main issue is to formulate and implement regional, rural and urban policies that lead to a more inclusive and dynamic growth. Within the broader OECD work on productivity, the OECD Trento Centre Spatial Productivity Lab builds a spatial dimension of the productivity agenda to contribute to our understanding of spatial productivity disparities, their causes and consequences with the ultimate goal of developing effective policies and practices that lead to sustainable and inclusive growth, facilitate regional productivity catching-up and boost aggregate productivity levels of localities, regions and countries.

## ■ Focus

The Winter School focuses on the generation of productivity gains through space-based policies.

This includes economies of agglomeration in cities, mechanisms of regional productivity catching-up, as well as productivity gains that can be achieved by better connecting places, for example through rural-urban linkages.

The ERSA - OECD Winter School 2019 seeks to address the interaction between empirical, theoretical and policy analysis within the following topics, which include (but are not limited to):

- ▶ Entrepreneurship, innovation and regional development;
- ▶ Urban agglomeration and productivity;
- ▶ Knowledge business services and the dynamics of industrial clusters;
- ▶ Social innovation and inclusive growth;
- ▶ Creativity, culture and urban development;
- ▶ Social capital, institutions and innovation;
- ▶ Spatial development, growth and innovation;
- ▶ Spatial dynamics of innovation networks;
- ▶ Local and cluster-based policies;
- ▶ Labour mobility, knowledge and innovation;
- ▶ Regional diversification and growth;
- ▶ Proximity effects and rural-urban linkages.






## ■ Method

The Winter School is organised as an intense week of lectures with full-day work.

In the mornings and afternoons, the invited professors and experts will give ex-cathedra lectures. They will cover a large variety of issues regarding recent advances in theory and applications in Regional Science. A part of each day will be devoted to presentations by the participants.

All participants will receive an official certificate of participation.

## ■ Daily agenda structure

	 <b>DAY 1</b> <b>WHY SPACE MATTERS FOR (PRODUCTIVITY) GROWTH</b>	 <b>DAY 2</b> <b>INFRASTRUCTURE INVESTMENT, LAND USE AND GOVERNANCE</b>	 <b>DAY 3</b> <b>PRODUCTIVITY AND INNOVATION DIFFUSION</b>	 <b>DAY 4</b> <b>INTERNATIONALISATION AND INNOVATION</b>	 <b>DAY 5</b> <b>THE CASE FOR REGIONAL POLICY</b>
DAY AND THEME					
	<b>Lecture</b>	<b>Lecture</b>	<b>Lecture</b>	<b>Lecture</b>	<b>Lecture</b>
MORNING	<b>Student presentations</b>	<b>Student presentations</b>	<b>Student presentations</b>	<b>Student presentations</b>	<b>Student presentations</b>
	Lunch break	Lunch break	Lunch break	Lunch break	Closure
AFTERNOON	<b>Lecture</b>	<b>Lecture</b>	<b>Student presentations</b>	<b>Study Visit</b>	
	<b>Student presentations</b>	<b>Student presentations</b>	<b>Lecture</b>		
EVENING	<b>Cocktail</b>	<b>Pitch festival</b>	<b>Free time</b>	<b>Gala dinner</b>	

## ■ Participants profile

The ERSAs Winter School targets PhD students and junior researchers with less than 10 years of research experience. The Selection aims for a student body of high academic quality as well as a balanced representation of backgrounds

## ■ Working Language

All sessions will be conducted in English.

## ■ Dates & venue

21-25 January 2019.

University of Trento  
Palazzo Paolo Prodi – Room 112  
Via Tommaso Gar, 14  
38122 Trento, Italy

## ■ Organisers

### Local Organising Committee

Rudiger Ahrend, OECD  
Roberto Chizzali, OECD  
Alexander Lembcke, OECD  
Alessandra Proto, OECD  
Alexandra Tsvetkova, OECD

### Scientific Committee

Maria Abreu, University of Cambridge  
Antonio Accetturo, Bank of Italy, Trento  
Roberta Capello, Politecnico di Milano  
Riccardo Crescenzi, London School of Economics  
Paul Elhorst, University of Groningen  
Giuseppe Espa, University of Trento  
Andrea Fracasso, University of Trento  
Katarzyna Kopczewska, University of Warsaw  
Joaquim Oliveira Martins, OECD and University PSL Paris Dauphine  
Raquel Ortega Argiles, University of Birmingham  
Guido Pellegrini, Sapienza University of Rome, President of AISRe  
Vicente Royuela Mora, University of Barcelona  
Thomas Streifeneder, EURAC Research  
Mirco Tonin, Free University of Bozen - Bolzano  
Mario Volpe, Ca' Foscari University, Venice  
Tim Vorley, Sheffield University Management School

## ■ Partners

**The OECD Spatial Productivity Lab at the OECD Trento Centre for Local Development** is an integral part of the OECD (Organisation for Economic Cooperation and Development), whose mission is to promote better policies for better lives. The OECD facilitates a dialog among governments by comparing policy experiences, seeking answers to common problems, identifying good practices and working to co-ordinate domestic and international policies. The Spatial Productivity Lab (SPL) is a dedicated research laboratory that works with local and global partners to improve our understanding of how regional policy based on the understanding of spatial links can facilitate productivity growth, creation of better jobs and increased general well-being. The mission of the Trento Centre is to build capacities for local development in OECD member and non-member countries, working directly with policy makers at all levels of government. [www.trento.oecd.org](http://www.trento.oecd.org).

**The European Regional Science Association (ERSA)** is the supranational grouping of national regional science associations across Europe. The main functions of ERSA, apart from promoting the field of regional science, are to organize an Annual European Congress, an Annual Summer School, the EPAINOS prize for young scientists and the ERSA European Prize in Regional Science to recognize outstanding regional scientists. Its mission and objectives are to enhance regional science across Europe, stimulate research and the implementation of solutions, support young scientists with added-value programmes, provide members with state-of-the-art knowledge, foster valuable exchanges at an international level, and move forward professional research developments through projects. <http://ersa.org>

**The Regional Science Association International (RSAI)** is an international community of scholars interested in the regional impacts of national or global processes of economic and social change. The work of RSAI draws on the expertise of many different disciplines and this multi-disciplinary approach helps to facilitate new theoretical insights for tackling regional problems. In turn, this provides an increasing opportunity for academics within the Association to engage more fully with planners and policy makers. Building on a strong foundation of quantitative methods, regional science is at the cutting edge of research into new model design for regional analysis and impact assessment. The Regional Science Association International serves as an umbrella organization overseeing three major superregional organizations in North America, Europe and the Pacific. The main objectives of the Association are the fostering of exchange of ideas and the promotion of studies focusing on the region, including the utilization of tools, methods and theoretical frameworks, specifically designed for regional analysis as well as concept, procedures and analytical techniques of the various social and other sciences. These objectives are supported through the acquaintance and discussion among its members and with scholars in related fields, by the encouragement of publication of scholarly studies and by performing services to aid the advancement of its members and the field of regional science.

**Italian Association of Regional Science (A.I.S.Re.)** is the Italian section of the European Regional Science Association (ERSA), which constitutes, together with the North American Regional Science Council and the Pacific Regional Association, the Regional Science Association International (RSAI). It is a scientific association that pursues the aim of developing, mainly in Italy, activities of research, learning and publishing in the field of Regional Science. In order to do that, AISRE supports the circulation of ideas and research on regional issues utilising the tools, methods and schemes specifically thought for the regional analysis, as well as the adaptation of concepts, procedures and techniques developed by other sciences; it promotes and supports the diffusion and teaching of the regional sciences; it works for the recognition of the role and professional status of regional scientists; it develops the exchange of information, the national and international networking among scholars and institutions actively involved in regional studies, the cooperation with similar associations; it promotes scientific and technical publishing on the subject of regional science; it organises a conference, usually annually, in addition to national and international workshops on the subject of the regional science. [www.aisre.it](http://www.aisre.it)

**The University of Trento** is a medium-sized university, founded in 1962. It is a young, dynamic, research oriented institution, marked by high-level teaching opportunities and facilities. The figures describing the University – over 16 000 students and about 600 faculty members and 600 staff personnel – reflect this institution, which is organised into 10 Departments and 3 Centres. Moreover, the University continues to expand its fields of research and to offer new courses. The distinct international approach of the University of Trento is one of its strong points. It is involved in many research networks and has prestigious cooperation agreements with important research centres and universities throughout the world, which encourage scientific exchanges and mobility of teaching staff and students. The University also takes pride in offering Double Degree Programs, which involve high-profile international scientific contacts. Many Master's courses and Doctoral courses are taught in English. [www.unitn.it](http://www.unitn.it).

## ■ Contacts

Local Organising Committee: [Roberto.Chizzali@oecd.org](mailto:Roberto.Chizzali@oecd.org)

ERSA Office: Maristella Angotzi, Tel: + 32 10 47 43 62



# Why space matters for (productivity) growth

**Monday**  
21 January 2019

Venue: University of Trento, Palazzo Paolo Prodi – Room 112, Department of Humanities, Via Tommaso Gar, 14, Trento, Italy

## THEME

In the last two decades, geography came into prominence as an important consideration in the study of knowledge accumulation, business performance and regional growth. The special role of space as a determinant of economic outcomes comes primarily from the non-uniform distribution of human, social and physical capital across territories. Accumulated factors of production, knowledge, technology and entrepreneurship, specific to each region, define productive practices and lead to dissimilar rates of economic and productivity growth.

### 08.30-09.15 **Welcome and registration**

Welcome remarks by *Alessandra Proto*, Head, OECD Trento Centre for Local Development, OECD

### 09.15-09.45 **Official opening**

*Joaquim Oliveira Martins*, Deputy Director, Centre for Entrepreneurship, SMEs, Regions and Cities, OECD

*Eveline van Leeuwen*, Professor and Chair of Urban Economics Group, Wageningen University, The Netherlands

*Guido Pellegrini*, AISRE President and Full Professor, La Sapienza University, Italy

*Andrea Fracasso*, Director of School of International Studies, University of Trento, Italy, and partner of the OECD SPL

### 09.45-11.15 **Lecture 1: Agglomeration economies: sources of productivity and growth**

*Roberta Capello*, Full Professor, Politecnico of Milan, Italy, and Editor, *Papers in Regional Science*,

11.15-11.30 *Coffee break*

### 11.30-12.30 **Student presentations**

2 student presentations (20' per student and 20' debate)

12.30-14.00 *Buffet lunch*

### 14.00-15.30 **Lecture 2: Regional analysis: The why and how of spatial econometrics**

*Diego Giuliani*, Associate Professor, University of Trento, Italy

15.30-16.00 *Coffee break*

### 16.00-18.00 **Student presentations**

4 student presentations (20' per student and 40' debate)

18.00-19.30 **Welcome cocktail**



# Infrastructure investment, land use and governance

**Tuesday**  
22 January 2019

Venue: University of Trento, Palazzo Paolo Prodi – Room 112, Department of Humanities, Via Tommaso Gar, 14, Trento, Italy

## THEME

The importance of infrastructure, land use and governance to support regional development is widely recognized. While smart infrastructure investments and efficient land use are able to remove bottlenecks in the development process of regions and support economic growth, the issues of effective and responsible multi-level governance underlie practical implementation of all types of regional policies. With rapidly growing urban population worldwide, expanding urban areas encompass increasingly larger numbers of administrative units raising coordination challenges.

- 09.15-10.45 **Lecture 3: Regional growth and Smart Specialisation**  
*Raquel Ortega Argilés*, Professor and Chair in Regional Economic Development, University of Birmingham, UK
- 10.45-11.00 *Coffee break*
- 11.00-13.00 **Student presentations**  
4 student presentations (20' per student and 40' debate)
- 13.00-14.15 *Buffet lunch*
- 14.15-15.30 **Lecture 4: What is multi-level governance, how can we measure it and why does it matter?**  
*Rudiger Ahrend*, Head of Economic Analysis, Statistics and Multi-Level Governance Section, Centre for Entrepreneurship, SMEs, Regions and Cities, OECD
- 15.30-16.00 *Coffee break*
- 16.00-18.00 **Student presentations**  
4 student presentations (20' per student and 40' debate)
- Pitch Festival**










# Productivity and innovation diffusion

**Wednesday**  
23 January 2019

Venue: University of Trento, Palazzo Paolo Prodi – Room 112, Department of Humanities, Via Tommaso Gar, 14, Trento, Italy

## THEME

Innovation drives productivity growth. Instead of working harder one can work smarter. While a number of firms, industries and regions robustly advance the technological frontier, many others find themselves left behind. This leads to growing inequalities in economic fortunes across and within regions. Knowledge diffusion among firms, industries and regions emerges as a necessary condition for balanced, broad-based and inclusive growth.







- 09.15-10.45  **Lecture 5: Laggards or leaders, what is holding back productivity growth?**  
*Chiara Criscuolo*, Head, Productivity and Business Dynamics Division, Science Technology and Innovation Directorate, OECD
- 10.45-11.00  *Coffee break*
- 11.00-12.30  **Student presentations**  
3 student presentations (20' per student and 40' debate)
- 12.30-14.00  *Buffet lunch*
- 14.00-16.00  **Student presentations**  
4 student presentations (20' per student and 40' debate)
- 16.00-16.30  *Coffee break*
- 16.30-18.00  **Lecture 6: Internationalisation and the spatial dimension of innovation: Recent evidence**  
*Riccardo Crescenzi*, Full Professor of Economic Geography, London School of Economics, UK



Venue: University of Trento, Palazzo Paolo Prodi – Room 112, Department of Humanities, Via Tommaso Gar, 14, Trento, Italy

## THEME

New knowledge and innovative practices often remain “attached” to the region where they were generated due to the natural obstacles to knowledge flows and the purposeful efforts by companies to keep their know-how private. Internationalisation through trade, foreign direct investments, Global Value Chains (GVCs) and other channels helps breaking barriers to knowledge flows. It boosts productivity via knowledge transfer, knowledge spill-overs and increased competition and is able to play a central role in the catching-up process of lagging regions.

- 09.15-10.45  **Lecture 7: Internationalisation and the spatial dimension of innovation: Identifying causal effects in innovation and internationalisation policies**  
*Riccardo Crescenzi*, Full Professor of Economic Geography, London School of Economics, UK
- 10.45-11.00  *Coffee break*
- 11.00-13.00  **Student presentations**  
4 student presentations (20' per student and 40' debate)
- 13.00-14.00  *Buffet lunch*
- 15.00-18.00  **Study Visit to Bolzano-Bozen: the Trentino South Tyrol local economic development system**  
Round Table with EURAC, Bank of Italy and University of Bolzano
- 18.00-19.30  **Gala dinner**





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## THEME

With the recent shift in the prevailing economic development paradigm from the top-down to the bottom-up approaches, regions are taking the ownership of their economic futures. The competitiveness of each region is defined by its unique institutional, social, cultural and economic characteristics. In an increasingly open world, the focus of economic policy should be on helping regions to recognize and develop local strengths and to successfully leverage them while tapping into the global knowledge flows.

- 09.15-10.45 **Lecture 8: The OECD regional development policies: Experiences and perspectives**  
*Joaquim Oliveira Martins*, Deputy Director, Centre for Entrepreneurship, SMEs, Regions and Cities, OECD
- 10.45-11.00 *Coffee break*
- 11.00-12.30 **Student presentations**  
3 student presentations (20' per student and 30' debate)
- 12.30-13.00 **Closing remarks**  
*Jouke van Dijk*, ERSAs President, Chair, Department of Economic Geography and Professor of Regional Labour Market Analysis, University of Groningen, The Netherlands
- 13.00-14.30 **Certificate ceremony and Farewell lunch**

## ■ Speakers (alphabetical order)



### Rudiger Ahrend

is the Head of the Economic Analysis, Statistics and Multi-level Governance Section in the OECD Centre for Entrepreneurship, SMEs, Regions, and Cities. He has been supervising numerous projects on regional and urban development, including thematic research on productivity and growth in cities and regions and reviews of economic trends and policies in major metropolitan agglomerations. Prior to his work on regional and urban policies, he has worked as a Senior Economist in the OECD's Economic Department. He has published widely, both in academic journals and newspapers.

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### Roberta Capello

is a Full professor of Regional Economics at Politecnico of Milan, Department of Architecture, Built Environment and Construction Engineering, a Past President of the Regional Science Association International (RSAI) and the Editor of Papers in Regional Science. She is the author of many publications on regional and urban economics issues and the author of a textbook on regional economics, published in Italian, English, and Chinese.

[@polimi](#)



### Riccardo Crescenzi

is a Full Professor of Economic Geography at the London School of Economics (LSE) and is the current holder of a European Research Council (ERC) Grant. He is also currently affiliated with the Centre for Economic Performance (CEP) and the Spatial Economics Research Centre (SERC) at the LSE and with the Centre for International Development (CID) at Harvard University. He has been a Jean Monnet Fellow at the European University Institute (EUI) and a Visiting Scholar at the Harvard Kennedy School of Government and at the University of California Los Angeles (UCLA). He has provided academic advice to various international organizations, as well as national and regional governments.

[@crescenzi\\_r](#) [@LSEnews](#)



### Chiara Criscuolo

is the Head of the Productivity and Business Dynamics (PBD) Division in the Science Technology and Innovation (STI) Directorate at the OECD and is a research associate of the Centre for Economic Performance (CEP) at the London School of Economics. Prior to joining OECD, she was a Research Fellow at the CEP. The main focus of her research is on productivity, business dynamics, innovation and international trade. Chiara Criscuolo received her doctorate in Economics from University College London.

[@OECDinnovation](#)



### Andrea Fracasso

is a Professor of Economic Policy at the University of Trento where he is the Director of the School of International Studies. His interests cover the areas of International Economics, European Economy, Chinese Economy, Productivity, and Regional Economics. His works appear in several journals such as the Journal of International Economics, Regional Studies and Journal of Common Market Studies.

 @sisunitn



### Diego Giuliani

is an Associate Professor (in economic statistics) at the University of Trento, Italy, Department of Economics and Management. He focuses primarily on the use and development of statistical methods to analyse micro-geographic data. Diego holds an MA in Economics from the University of Trento, Italy, and a PhD in Economic Statistics from the Sapienza, University of Rome, Italy.

 @UniTrento



### Joaquim Oliveira Martins

is the Deputy Director of the OECD Centre for Entrepreneurship, SMEs, Regions and Cities and an Associate Professor at the University PSL Paris Dauphine. He was previously the Head of the OECD Regional Development Policy Division and supervised projects on *regional and urban economics*, *governance*, *regional statistics* and *well-being*. He was also the Head of the OECD Structural Economic Statistics Division, where he focused on *Trade & Globalisation* studies, *Productivity measurement* and *Business statistics*. He is author of many OECD publications and academic articles.

 @JoaquimOM @OECD\_local



### Raquel Ortega-Argilés

holds the Chair in Regional Economic Development at the department of Strategy and International Business at Birmingham Business School. She is an economic researcher, teacher, and policy advisor specialising in issues of regional development, firm performance, competitiveness, innovation and entrepreneurship. Her scientific work has been published in many different international academic journals and academic research books.

 @r\_ortegaargiles



### Guido Pellegrini

is a Full Professor in Statistical Methods for Regional Policies at Sapienza, University of Rome, Italy, and President of AISRe, the Italian Section of ERSA. Previously, he was an Economist at the Research Department of the Bank of Italy, where he managed the Regional Analysis Unit. He participated in several projects and committees on European and national policy evaluation in Italy and abroad. He has published numerous papers in international journals and books on policy evaluation, evaluation of Structural Funds, evaluation of national and regional innovation policies, regional economic growth and convergence and local development.

[@SegreteriaAISRe](#)



### Jouke van Dijk

is a Professor of Regional Labour Market Analysis and the Chair of the Department of Economic Geography at the Faculty of Spatial Sciences of the University of Groningen. He also is the Chair of the Board of the Waddenacademie, an institute that sets the agenda for and coordinates research activities in the fields of Ecology, Geology, Economics and Social Sciences in the UNESCO World Heritage Wadden Sea Region. He is the President of the European Regional Science Association (ERSA); the Editor of the Springer Regional Science Series 'Advances in Spatial Science' and the Overseeing Editor of the Journal of Economic and Social Geography.

[@JoukeVanDijk](#) [@univgroningen](#)



### Eveline van Leeuwen

is a Full Professor of Urban Economics at Wageningen University and Research. She is a Board Member of the Regional Science Association Netherlands and a Visiting Research Professor at the University of Illinois – Urbana-Champaign. Currently, Eveline and her group are working on how social and physical neighbourhood characteristics contribute to individual-level decisions. The areas of research are sustainable energy consumption and the uptake of renewable energy, local participation and social networks, and healthy lifestyles. Another ongoing project studies the opportunities for regional food systems and preferences of urban consumers.

[@Eefchjen](#) [@ERSA\\_org](#)

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## VENUE

University of Trento, Department of Humanities, Via Tommaso Gar 14, Trento, Italy

## CONTACT INFORMATION

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## OECD Trento Centre for Local Development

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