



## **Industrial dynamics, innovation and regional growth in Europe: theory and empirical evidence**

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### **Short description of the lecture:**

The aim of the lecture is to provide students with a general overview of the basic themes and issues concerning industrial dynamics, innovation performance and economic growth in Europe. This will be done with an emphasis on the regional perspective.

The course will begin with an in-depth examination of the location choices of multinational enterprises in Europe, focusing on the role of the regional quality of governance as one of the main “non-traditional” factors of attraction of foreign direct investments.

The second part will be dedicated to spatial econometric methods used in the empirical literature to capture network interaction effects in regional innovation performance and in regional economic growth.

The last part will deal with the issue of regional economic growth in Europe, taking into account spatial technological interdependence and technology transfer (spillover) effects.

### **Contents:**

1. Spatial distribution of foreign direct investments (FDI) in Europe
2. Labor costs and the location of manufacturing FDI in Europe
3. Quality of governance and the location of FDI in firm’s functions different from manufacturing production (i.e. logistics, marketing, R&D and so on)
4. FDI and regional labor productivity
5. Network interactions and spatial econometrics
6. Linear parametric spatial econometric models
7. Nonlinear semiparametric spatial econometric models



8. Spatial distribution of productivity and growth in Europe
9. Spatial technological interdependence and regional growth in Europe: a neoclassical perspective
10. Spatial technological interdependence, innovation and regional growth in Europe: a Schumpeterian perspective

<b>Terminy wykładów</b>			
<b>Data</b>	<b>Dzień tyg.</b>	<b>Godzina</b>	<b>Sala</b>
2015-06-11	Cz	16.15-21.00	GG 300
2015-06-12	Pt	16.15-21.00	GG 300
2015-06-13	So	8.15-13.00	GG 300