

# Seminari di Economia

Martedì 18 febbraio 2020

Ore 12:20 – Aula SIG\_SA (Aula Anfiteatro)

Facoltà di Scienze Economiche Giuridiche e Politiche - Via S. Ignazio 17, sottopiano

David Rigby

UCLA

## *Do EU regions benefit from smart specialization?*

**Abstract** – Smart specialization was conceived as a “bottom-up” framework to help EU policy-makers identify new technology growth paths connected to the existing knowledge cores of regions. Operationalization of smart specialization policy requires a mapping of technologies in knowledge space. This mapping measures the “distance” between technology types and thus an index of the “cost” of moving from one technology to another. Alongside the cost of technological adjustment, smart specialization also requires a ranking of the benefits of new technologies that is captured with a complexity measure. This paper maps the trajectories of EU city-regions in a smart specialization space over the period 1981 to 2015. We use panel models to show employment and GDP grow faster in cities that build capabilities in complex new technologies close to their existing knowledge cores while abandoning less complex, unrelated technologies.

---

La serie dei seminari è coordinata da Claudio Deiana (claudio.deiana@unica.it) e Marco Nieddu (mgnieddu@unica.it)

Dipartimento di Scienze Economiche e Aziendali e CRENoS  
Università degli Studi di Cagliari