

UNESCO Bernard Maris Chair, Work-in-Progress Seminar n°1 December 7th, 2022, 2PM-5PM, LEREPS salle des séminaires

Program:

2 PM-2:40 PM : Eva Coll-Martinez, *Creative industries and gentrification*

Summary : The aim of this project is to analyse whether the factors that attract the highly qualified population, companies and creative workers in the city, enhance the dynamics of gentrification and suburbanization of poverty in Barcelona. In other words, the project aims to analyse the relationship between urban amenities (especially cultural ones) and gentrification processes in the city and its metropolitan area. Through the use of geographic information systems (GIS) and different econometric models, the results of this project should be relevant when assessing what should be the final goal of urban regeneration policies in Barcelona. The results of this project can be very useful for other cities that want to diversify economic activity from the development of cultural, creative and technology-based industries in order to be more competitive in a global economic context, bearing in mind the possible consequences of these policies at the social and economic level.

2:40 PM-3:20 PM : Delio Lucena-Piquero, Stefano Ugolini and Jérôme Vicente, *Chasing “Strange Animals”: Network Analysis Tools for the Study of Hybrid Organizations*

Summary : Real-life economies feature a number of hybrid organizations laying between the micro and macro level. Aimed at dealing with spillovers, these mesoscopic structures are coordination mechanisms with unclear or unstable boundaries. We argue that network analysis tools based on supra-dyadic relationships can greatly improve our understanding of the structural properties of these “strange animals”. We illustrate this by focusing on two innovative tools: the “place-based methodology” (allowing to assess agents’ structural equivalence in horizontal affiliation networks), and the “chain-based methodology” (allowing to assess agents’ substitutability in vertical interaction networks). We provide some examples of how the application of such methodologies can concretely improve our understanding of the resilience properties of widespread real-world hybrid organizations.

3:20 PM – 3:40 PM : *coffee break*

3:40 PM – 4:20 PM : Arnaud Bessagnet, Arnaud Abreu, *Human capital impact on digital firms’ rapid scaling : the role of variety of skills and job expériences*

Summary : How do agents’ skills variety and job experiences affect the user base rapid scaling of digital firms? We constructed a theoretical framework to predict whether these two human capital characteristics embedded in reflective human agents affiliated with different organizational echelons influence digital firms’ user base’s rapid scaling in start-up and scale-up funding stages. We test our theory on a sample of 296 VC-backed digital firms, using a Software-as-a-Service (SaaS) business model for their digital innovation and launched in the Metropolis of Greater Paris between 2010 and 2018, during the period 2010-2020

4:20 PM – 5 PM : Eva Coll-Martinez, Luis Orozco, Geoffroy Labrousse, *Regional Determinants of Biogas Technologies Adoption: Evidence from France*

Summary : The aim of this paper is to analyse the location determinants of biogas production units in French metropolitan NUTS-3 regions over the period 2012-2020. Our theoretical framework *combines* two approaches: evolutionary economic geography, which highlight the role of regional knowledge formation, relatedness, and spillovers; and social and local governance of biogas projects. To do so, we have started from a mapping of biogas innovation activity in France by means of an exploratory spatial analysis. Then, we proceed by testing which are the regional factors that may enhance the implementation of biogas units in France. We estimate count models based on the number of biogas units at each NUTS-3 regions, and factors concerning the knowledge, industry, political support and geographical characteristics of such regions.