



Scuola Superiore
Sant'Anna

PhD in Management

SMART COMMUNITIES AND TERRITORIAL MANAGEMENT

Short description of the course and exam

The course will focus on the concept of urban “smartness”, analyzing the effects of smart innovation at economic, social and technological levels and as regards to the processes of local governance in the perspective of sustainable urban resilience. The approach will take into consideration the relationship existing between technological innovation and governance at local level, focusing on the benefits that can be promoted by networks at local level. Finally innovation systems in logistics and transportation will be studied.

Location, dates and time

The course will start on November 10 and will take place at Gran Sasso Science Institute (L'Aquila) with the following calendar:

Technical innovation and smartness of cities and regions

- *Smart cities and the regeneration of historical center in small and medium cities (10 November)*

***[Luca Ferrucci – Perugia University
4 hours]***

- *Disruptiveness of digital technologies in the city and the role of smart grids (11 November)*

***[Andrea Paraboschi - SSSUP
4 hours]***

- *Territorial Sustainable Management: “Eco-industrial parks” and “Cluster approach” (12 November)*

[Tiberio Daddi – SSSUP]

Massimo Battaglia - SSSUP]
4 hours

- *Smart communities and participation*

- *Smart cities, smart communities and business models (17 and 18 November)*

[Francesco Rizzi - SSSUP]
6 hours

- *Participation models in smart communities: crowdsourcing and participatory planning (18 November)*

[Chiara Certomà - SSSUP]
4 hours

- *Urban resilience and sustainable cities (25 November)*

[Francois Mancebo - Université de Reims Champagne-Ardenne]
4 hours

- *Innovation systems in logistics and transportation (26 November)*

[Konstantinos Zografos - Lancaster University]
4 hours

Recommended readings

Readings will be detailed at the beginning of the course by each lecturer.