

Invited Universities:



20-27 September 2015_University of Pavia_Engineering Faculty

SUMMER SCHOOL

FLEXIBLE

CITY



SMART

COMMUNITIES

SCIENTIFIC APPROACH:

The city needs a remarkable capacity to continuously familiarize to temporary circumstances. This is an adaptive process that involves the "city" such as organism and it is possible to summarize it by the term "flexibility". The term is assumed as a development of the organic-adaptive-evolutionist approach to urban studies (references come from many authors in at least one century, i.e. Geddes, Piccinato, Choay). Flexibility is expressed in different dimensions, such as the flexibility of: relational systems (called "variable

geometry"); government systems; environmental system and ecological planning (with a very close link to resilience); predictive capacity of urban simulation; physical systems (in example functionalization and de-functionalization) and network structures. A Flexible city is efficient and smart, it optimizes resources and increases resilience.

The aim of this workshop is to develop the relationship between the smart city and the flexible city.