SMART CITIES: DESIGNING PLACES AND URBAN MENTALITIES

Vienna Summer School 2016

date:	**21.08 - 29.08.2016 at TU Wien**
organisers:	**Oliver Frey**, Faculty of Architecture and Planning, Department of Spatial Planning, Interdisciplinary Centre Urban Studies and Section Sociology **Geraldine Fitzpatrick**, Faculty of Informatics, Institute of Design and Assessment of Technology, Human Computer Interaction Group (HCI)
language:	**English**
duration:	**8 days**
credits:	**6 ects**
website:	http://summerschool2016-smartcity.tuwien.ac.at/

The concept of Smart City is promising: The European Innovation Partnership on Smart Cities and Communities highlights the opportunities to link and upgrade infrastructures, technologies and services in key urban sectors (transport, buildings, energy, ICT) in a smart way [that] will improve quality of life, economic competitiveness and sustainability of cities. Such conceptions present Smart City-solutions as mainly technology driven utopian visions of societal transformation while blurring the multitude of social decisions made in technology development which fundamentally shape the kinds of social transformations possible in urban life.
The Summer School brings together scholars from diverse disciplines including technical, economic, political, environmental and social disciplines to explore new sets of relationships between (a) society and technology and (b) people and data entailed in the Smart City vision and to contribute to a better understanding of processes transforming urban spaces.

The questions we will explore during the Summer School include:

- Which new urban patterns are established by using Smart City technologies as digital internet devices and products in housing, communities or cities?
- How do ICT innovations in urban contexts affect mentalities, social interaction and social structures?
- What are the technological and social related driving forces that shape the process of designing urban places?

Format, topics and Lecturers:
The format will promote exploration of questions/themes from multiple perspectives via (a) co-lecturing sessions and (b) practical field-work in interdisciplinary teams. There will also be an interactive format to bring in the perspectives of members of the public. Public events with participatory elements will also open the debate to a broader public.

Technology and Informatics
Vassilis Kostakos, University of Oulu, Finland
Markus Foth, Queensland University of Technology (QUT), Australia
Schahram Dustdar, **Wolfgang Zagler,** TU Wien, Austria
Technical infrastructures (cloud computing, Internet of Things) enabling Smart City connectivity and their implications for Smart Cities; Technologically enabled interaction between people and their Smart City particularly in Urban Spaces; application possibilities at the intersection of people-place-technology as well as the relation of smart residential housing.

Sociology, Urban Sociology and Urban Studies
Harvey Molotch, New York University, USA
Jens Dangschat, **Rudolf Giffinger**, TU Wien, Austria
Transformation processes of urban societies focusing on science and technology studies as well as how material culture seeks to examine the supposedly non-material aspects of life; Social milieus and lifestyles shall illustrate new ways of urban living and social differentiated rebound effects in uses of new technologies.

Economics, Innovation and Globalisation
Allen Scott, University of California, LA, USA
Robert Kloosterman University of Amsterdam, Netherlands
Koen Frenken Utrecht University, Netherlands
The cultural as well as the economic aspects of Cities focus on spatial effects. The economy of cities, including the creative economy, creative cities, and regional/global development are being outlined. Cultural economy of Cities focusing on spatial analysis; geographical effects of innovation and economic spill-overs; multidisciplinary approaches on globalisation is addressed.

Urban Planning, Urban Geography and Urban Governance
Mark Tewdr-Jones, Newcastle University, UK
Thomas Madreiter, City of Vienna, Austria
Francesco Ferrero, Instituto Superiore Mario Boella, Italy
Urban development processes, being based on integrated and inclusive perspectives, the necessity of innovative urban studies, is about to open the field of disciplines. Smart City strategies in urban development are driven by aspects of policy and innovation as well as new forms of management of Information and Communication of urban spaces.

Target group:
The Summer School invites excellent and interested advanced Master and PhD-students working in the field of Smart City. We seek participation from diverse disciplines including Urban Studies, Urban Planning, Sociology, Innovation Studies, informatics and other ICT/urban Informatics related areas.

Credits information:
All students will receive a transcript of records after successfully finishing the Summer School, based on participation in lectures and practical field work.

Fee information:
You can choose between packages including housing (standard 2 bedrooms) in central location near the School and Social Events or only for the Summer School courses with different fees: **420 Euro** including courses, material, Social Events and housing or **120 Euro** including courses and material **without** Social Events and housing.

How to apply:
a) Letter of motivation with a brief description of the research topic, max. 3 pages; b) Comprehensive CV; c) Letter of recommendation from supervisor.

Please send the application until **May 31th** to **summerschool2016@tuwien.ac.at**

A Jury (consisting of the organizers plus 2 external partners) will select the participants by evaluating study progress, research angle, international experience, language skills and the mixing of disciplinary affiliation (Urban Studies, Urban Planning, Urban Informatics, ICT), as well as gender oriented mix of participants. Notification of participation will be sent by **June 10th**.