

ICCS 2015

International Conference on City Sciences

New architectures, infrastructures and services for future cities

Shanghai, 4-5 June 2015

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CALL FOR PAPERS

The new science of cities stands at a crossroads. It encompasses rather different, or even conflicting, approaches. Future cities place citizens at the core of the innovation process when creating new urban services, through “experience labs”, the development of urban apps or the provision of “open data”. But future cities also describe the modernisation of urban infrastructures and services such as transport, energy, culture, etc., through digital ICT technologies: ultra-fast fixed and mobile networks, the Internet of things, smart grids, data centres, etc. In fact during the last two decades local authorities have invested heavily in new infrastructures and services, for instance putting online more and more public services and trying to create links between -still prevalent- silo approaches with the citizen taking an increasingly centre-stage role. However, so far the results of these investments have not lived up to expectations, and particularly the transformation of the city administration has not been as rapid nor as radical as anticipated. Therefore, it can be said that there is an increasing awareness of the need to deploy new infrastructures to support updated public services and of the need to develop new services able to share information and knowledge within and between organizations and citizens. And above this, there is an urgent need to discuss among practitioners and academicians successful cases and new approaches able to help to build better future cities.

Taking place in Shanghai, the paradigm of challenges for future cities and a crossroad itself between East and West, the International Conference on City Sciences responds to these and other issues by bringing together academics, policy makers, industry analysts, providers and practitioners to present and discuss their findings. A broad range of topics related to infrastructures and services in the framework of city sciences are welcome as subjects for papers, posters and panel sessions:

- Developments of new infrastructures and services of relevance in an urban context: broadband, wireless, sensors, data, energy, transport, housing, water, waste, and environment.
- ICT-enabled urban innovations
- Smart city developments and cases
- Social and economic developments citizen-centric
- Renewed government services in a local level
- Simulation and modeling of the urban context

Additional relevant topics are also welcomed.

Authors of selected papers from the conference will be invited to submit to special issues of international peer-reviewed academic journals.

Important deadlines:

- 31 January: Deadline for Abstracts and Panel Session Suggestions
- 15 March: Notification of Acceptance
- 30 April: Deadline for Final Papers and Panel Session Outlines
- 4-5 June: International Conference on City Sciences in Shanghai, PR China

Submission of Abstracts:

Abstracts should be about 2 pages (800 to 1000 words) in length and contain the following information:

- Title of the contribution
- A research question
- Remarks on methodology
- Outline of (expected) results
- Bibliographical notes (up to 6 main references used in the paper)

All abstracts will be subject to blind peer review by at least two reviewers.

