Special Session on

Interconnected and collaborative services in Smart Cities

Scope. The concept of 'smart cities' has been developed as an answer to the expanded urbanization, the multiplied complexity of life practices in urban environments and the increased and urgent demand for the improvement of the quality of life. It is a multifaceted concept that includes several dimensions; most of all, smart cities are related to the use of information and communication technologies (ICT) for the development of sustainable processes and smart services in a variety of domains of life practices in urban environments, such as transportation, energy consumption, economic activities, social life, citizen participation, health, education, etc.

There have been numerous projects for the development of smart cities worldwide until today. These projects have been deployed and envisioned mostly as stand-alone implementations that have produced technological infrastructures, applications and smart services with regard to singular problems or needs. The outcome is the development of the so-called 'silos of smartness', i.e. unconnected or hardly connected smart city best practices and environments. As a result, smart cities do not exploit their full potential because the added-value opportunities deriving from the interconnectedness, collaboration and integration of different smart services remain ineffectual.

This session is devoted to papers that research the opportunities offered by the interconnection, the collaboration and the integration of diverse services in smart cities and the examination of the technological requirements for the development of architectures, platforms and applications for interconnected and collaborative services in smart cities. The objective is to present interesting research and practical developments that highlight the challenges of interconnected and collaborative services in smart cities, suggest appropriate research approaches and methodologies, initiate innovative service/ business models and explore the future of services in smart cities.

Session Organizers

Gary Fragidis – Technological Education Institute of Central Macedonia – gary.fragidis@teicm.gr
Martina Occelli – Cleopa GmbH – moccelli@cleopa.de

Topics / Keywords

- *Interconnected and collaborative services* in smart cities: concepts, models and applications.
- *New technologies* for interconnected and collaborative services in smart cities.
- *Architectures* for interconnected and collaborative services in smart cities.
- *Platforms* for interconnected and collaborative services in smart cities.
- *New approaches* and *information fusion* for interconnected and collaborative services in smart cities.
- *Data analytics* for interconnected and collaborative services in smart cities.
- *Business model innovation* with interconnected and collaborative services in smart cities.
- *Value creation and social impact* of interconnected and collaborative services in smart cities.
- *Quality of service* aspects for interconnected and collaborative services in smart cities.
- *Case studies* of interconnected and collaborative services in smart cities.

Submission procedure. Papers accepted for this session are included in the main conference and follow the same reviewing process.

Important dates:

- Abstracts: 11 Mar 2018
- Full paper: 1 Apr 2018
- Acceptance notification: 18 May 2018
- Camera ready: 28 May 2018

Acceptance of papers is based on the full paper (up to 8 pages). Each paper will be evaluated by three members of the International Program Committee. However, prospective authors should submit a short abstract in advance, in order to check if the proposed topic fits within the conference scope.

When submitting on the web site, you have to indicate the name of the special session.
Submission on: www.pro-ve.org, with copy by email to the chairs of the special session.