



First International Conference on Smart Data and Smart Cities

September 7-9, 2016, University of Split, Croatia

Call for papers

A smart city can be defined as a city overlaid by a digital layer, which is used not only for storing city information but overall for its governance. This conference will present novel research concerning the use of information and communication technologies in Smart Cities, and will also provide a forum for senior researchers to establish collaborations on new research projects in this domain. A smart city cannot be defined without a better involvement of citizens (smart people).

This conference will be organized as a collaboration between the Urban Data Management Society, ISPRS and the University of Split, Croatia. The UDM Society has been a pioneer in promoting information technologies in cities from since the early 1970s, and this conference will be its 30th event.

The University of Split was established in 1974 and today it offers more than 150 study programs in the fields of social sciences, humanities, natural sciences, engineering, biotechnology, medicine, biomedicine and arts. There are about 20.000 students enrolled in the 11 Faculties. The Faculty of Civil Engineering, Architecture and Geodesy (FGAG) offers university undergraduate and graduate studies in Civil Engineering, Architecture, Geodesy and Geoinformatics and postgraduate studies in Civil Engineering. Courses and scientific research are carried out in 22 departments by 55 lecturers. Today, there are about 1000 students enrolled.

We invite you to submit full academic papers to the conference, related to the following themes

Smart data

- Sensor network databases
- On-the-fly data mining
- Geographic and urban knowledge modeling and engineering
- Green computing
- Urban data analytics and big data
- Big databases and data management (noSQL)

Smart people

- Volunteered information
- Systems for public participation

Smart cities

- Systems of territorial intelligence
- Systems for city intelligent management (building, transportation, energy, etc.)
- 3D modeling of cities
- Internet of things
- Social Networks
- Monitoring systems
- Mobility and transportation
- Smart-city-wide telecommunications infrastructure
- Urban knowledge engineering
- Urban dashboard design and implementation
- New style of urban decision-making systems
- Geovisualization devoted to urban problems
- Disaster management systems.

The above list is not exhaustive – topics on other related issues are also welcomed.

Submission must be done through

<https://easychair.org/conferences/?conf=sdsc2016> using the ISPRS template which can be downloaded from <http://www.isprs.org/documents/orangebook/app5.aspx>

Accepted papers will be published by ISPRS, Scopus-indexed and included in Web of Science. We aim for the highest academic

standards for this conference, and thus all papers will be blind-reviewed by three members of the scientific committee.

Scientific committee chair: Robert Laurini, INSA-Lyon, France, Mike Batty, University College London, UK Michela Bertolotto, University College Dublin, Ireland Roland Billen, University of Liege, Belgium Omar Boucelma, University of Marseilles, France Azedine Boulmakoul, Hassan II Univ. of Casablanca, Morocco Eliseo Clementini, University of L'Aquila, Italy Volker Coors, University of Stuttgart, Germany Maria Luisa Damiani, University of Milano, Italy Philippe De Maeyer, University of Ghent, Belgium Gabriella Doderio, Free University of Bolzano, Italy Claire Ellul, University College London, UK Sami Faiz, University of Tunis, Tunisia Andrew Frank, Technical University of Vienna, Austria Gilles Gesquière, University of Lyon, France Carlo Giovannella, Tor Vergata University of Roma, Italy Gerd Gröger, University of Bonn, Germany Eberhard Gülch, University of Stuttgart, Germany Jan-Hendrik Haurert, University of Osnabrück, Germany Stephen Hirtle, Pittsburgh University, USA Martin Kada, University of Osnabrück, Germany Snježana Knezić, University of Split, Croatia Thomas Kolbe, Technical University of Munich, Germany Ahmed Lbath, University of Grenoble, France Alenka Poplin, Iowa State University, USA Ed Manley, University College London, UK Valérie Maquil, Inst. for Science and Technology, Luxembourg Viviana Mascardi, University of Genoa, Italy Damir Medak, University of Zagreb, Croatia Nenad Mladineo, University of Split, Croatia Beniamino Murgante, University of Basilicata, Italy Marco Painho, New University of Lisbon, Portugal Ivana Racetin, University of Split, Croatia Jonathan Rizzi, University of Oslo, Norway Stéphane Roche, Laval University, Canada Massimo Rumor, University of Padua, Italy Maribel Yasmina Santos, University of Minho, Portugal Sandro Savino, University of Padua, Italy Sylvie Servigne, INSA-Lyon, University of Lyon, France, Stratos Stylianidis, Aristotle University of Thessaloniki, Greece Chatzichristos Thomas, N'I Technical Univ. of Athens, Greece Nico Van de Weghe, University of Ghent, Belgium Agnès Voisard, Freie Universität Berlin, Germany Alexander Zipf, University of Heidelberg, Germany Sisi Zlatanova, Delft University of Technology, The Netherlands

Organization committee chair: Martina Baučić, FGAG, University of Split, Croatia Dean Boris Trogrlić, FGAG, University of Split, Croatia Nikša Jajac, FGAG, University of Split, Croatia Višnja Kukoč, FGAG, University of Split, Croatia

Important dates:

- Deadline for submitted full papers: February 29, 2016
- Papers acceptance: March 30, 2016
- Full papers due: April 30, 2016
- Conference: dates: September 7-9, 2016

Website: <http://www.udms.net>