Second International Conference on Smart Data and Smart Cities
October 4-6, 2017, Puebla, Mexico
http://ing.pue.itesm.mx/udms2017/

Call for papers

A Smart City is defined as a set of instruments across many scales that are connected through multiple networks and provide continuous data regarding people and environment in support of decisions about the physical and social form of the city. This process cannot be completed without technology advancements. Moreover a Smart City cannot be established without a better involvement of citizens (smart people). This conference aims at presenting novel research concerning the use of information and communication technologies in Smart Cities. The second edition intends to further strengthen the communication between senior researchers, students, developers, practitioners and citizens and to establish collaborations on new research topics.

This conference will be jointly organized by the Urban Data Management Society, ISPRS IV/10, IV/6, IV/4 and the local committee located at Puebla by the Tecnológico de Monterrey (ITESM), Universidad de las Américas-Puebla (UDLAP), Benemérita Universidad Autónoma de Puebla (BUAP), Instituto Nacional de Astrofísica, Optica y Electrónica (INAOE) and T-Systems. The UDMS (www.udms.net) is a pioneer in promoting information technologies in European cities from early 70s. ISPRS (www.isprs.org) is one of the largest international organization for geospatial technologies.

Tecnológico de Monterrey, also known as ITESM, was founded in 1943 at Monterrey and today it offers about 200 academic programs including international, undergraduate, master and doctoral programs recognized and accredited by different national and international organisms. ITESM has an international strong reputation among employers and is one of the most prestigious universities in Mexico and Latin America. There are about 85,000 students and 9000 professors distributed in 31 campuses throughout Mexico organized in seven National Faculties and 41 research laboratories.

We invite you to submit full academic papers (approximately 6,000 words) 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 city
- system of territorial intelligence
- systems for intelligent management (building, transportation, energy, etc.)
- 3D modeling of cities
- Internet of things
- Social Networks
- Mobility and Transport
- urban dashboard design and implementation
- new style of urban decision-making systems
- geovisualization devoted to urban problems
- disaster management systems.

Submission must be done through: https://easychair.org/conferences/?conf=udmssdsc-2017

Accepted papers will be published in the ISPRS Archives and Annals. We aim for the highest academic standards for this conference, and therefore full papers will be blind reviewed by three members of the scientific committee.

Organising committee:
David Ricardo Sol Martinez, Tecnológico de Monterrey Campus Puebla, Mexico
Ofelia Cervantes Villagómez, Universidad de las Américas Puebla, Mexico
Enrique Sucar, Instituto Nacional de Astrofísica, Óptica y Electrónica, Mexico
David Pinto, Benemérita Universidad Autónoma de Puebla, Mexico
Juan Manuel Ahuactzin, T-Systems, Mexico

Important dates:
- Deadline for full papers: May 15, 2017
- Papers acceptance: June 15, 2017
- Conference dates: October 4-6, 2017

Scientific committee
Sisi Zlatanova, TU Delft, The Netherlands, Chair
Nader Afzalan, University of Redlands, USA
Giorgio Agugiaro, AIT - Austrian Institute of Technology, Austria
Ken Arroyo Ohori, Delft University of Technology, The Netherlands
Martina Baucic, University of Split, Croatia
Michela Bertolotto, University College Dublin, Ireland
Filip Biljecki, Delft University of Technology, The Netherlands
Omar Boucelma, Aix-Marseille University, France
Azedine Boulmakoul, Hassan II University of Mohammedia, Morocco
Maria Antonia Brovelli, Politecnico di Milano, Italy
César Cárdenas, Tecnológico de Monterrey, Mexico
Ofelia Cervantes, Universidad de las Américas Puebla, Mexico
Eliseo Clementini, University of L'Aquila, Italy
Volker Coors, Hochschule für Technik Stuttgart, Germany

Isabel Cruz, University of Illinois, USA
Maria Luisa Damiani, University of Milan, Italy
Philippe De Maeyer, Ghent University, Belgium
Vincenzo Del Fatto, Free University of Bolzano/Bozen, Italy
Claire Ellul, University College London, UK
Gilles Gesquiere, Claude Bernard University of Lyon, France
Gerhard Groeger, IGG, Bonn University, Germany
Eberhard Gülch, HFT Stuttgart, Germany
Jan-Henrik Haunert, Universität Bonn, Germany
Thomas Hatzichristos, SPReD, Greece
Stephen Hirtle, University of Pittsburgh, USA
Martin Kada, Technische Universität Berlin, Germany
Snjezana Knezic, University of Split, Croatia
Mila Koeva, University of Twente, The Netherlands
Robert Laurini, INSA Lyon, France
Ahmed Lbath, University of Grenoble, France
Marguerite Madden, University of Georgia, USA
Ed Manley, University College London, UK
Viviana Mascardi, University of Genova, Italy
Damir Medak, University of Zagreb, Croatia
Marco Minghini, Politecnico di Milano, Italy
Raul Monroy, Tecnologico de Monterrey, Mexico
Regina Motz, Universidad de la República, Uruguay
Beniamino Murgante, University of Basilicata, Italy
Marco Painho, New University of Lisbon, Portugal
Dimos Pantazis, TEI of Athens, Greece
Dev Paudyal, USQ, Australia
Luis Pineda, IIMAS, UNAM, Mexico
Alenka Poplin, Iowa State University, USA
Jose Alberto Quintanilha, University of Sao Paulo, Brazil
Ivana Racetin, FGAG, Croatia
Stephane Roche, Université Laval, Canada
Massimo Rumor, University of Padua, Italy
Maribel Yasmina Santos, Universidade do Minho, Portugal
Sylvie Servigne, INSA-Lyon, France
Carissa Slotterback, University of Minnesota, USA
David Sol, Tecnologico de Monterrey, Mexico
Wei Tu, Shenzhen University, China
Genoveva Vargas Solar, CNRS, France
Kavita Vemuri, IIITH, India
Agnès Voisard, Freie Universität Berlin and Fraunhofer, Germany
Mingshu Wang, University of Georgia, USA
Bev Wilson, University of Illinois at Urbana-Champaign, USA
Claudia Yamu, University of Groningen, The Netherlands
Alexander Zipf, University of Heidelberg, Germany
Sisi Zlatanova, Technical University of Delft, The Netherlands