

First International Conference on Smart Data and Smart Cities, 30<sup>th</sup> UDMS  
September 7-9, 2016, University of Split, Croatia

First International Conference on Smart Data and Smart Cities was held in Split, Croatia from 7th till 9th of September 2016. This conference is organized as a collaboration between the Urban Data Management Society (UDMS), 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 is its 30th event.

For the first time the topics of the conference were dedicated to the integration of Smart Data and Smart Citizens for Smart Cities with focus on spatial information. UDMS has decided to re-shape its regular meetings and discussions and focus on the context of Smart Cities. The topics of this first conference reflect a range of issues related to Smart (Urban) Data, Smart Citizens and Smart Cities as follows:

- Smart data: sensor network databases, on-the-fly data mining, geographic and urban knowledge modelling and engineering, green computing, urban data analytics and big data, big databases and data management (noSQL).
- Smart citizens: volunteered information and systems for public participation.
- Smart cities: systems for intelligent regional management systems for intelligent city management (building, transportation, energy, etc.), 3D modelling of cities, internet of things, social networks, monitoring systems, mobility and transportation and so on.

Reception and welcome drink were held the evening before in the University Gallery "Vasko Lipovac". Prof. Višnja Kukoč gave a short introduction to the exhibited artwork of the famous Croatian artist Vasko Lipovac (<https://vaskolipovac.culturalspot.org/browse/>). In addition to the artwork, 22 GIS posters were presented describing recent geoinformatics projects of the Faculty of Civil Engineering, Architecture and Geodesy in Split.



Reception and welcome drink in the University Gallery "Vasko Lipovac"

The conference was opened by the Vice President of the UDMS prof. Robert Laurini. The participants were welcomed by the Vice Rector Branko Matulić on behalf of the University of Split, by Deputy Mayor Ante Šošić on behalf of the Split-Dalmatia County and by Dean Boris Trogrlić on behalf of the Faculty of Civil Engineering, Architecture and Geodesy. Key note speaker Jeremy Morley, Chief Geospatial Scientist from the Ordnance Survey briefly presented the main directions of geoinformation technologies developments for the smart cities.

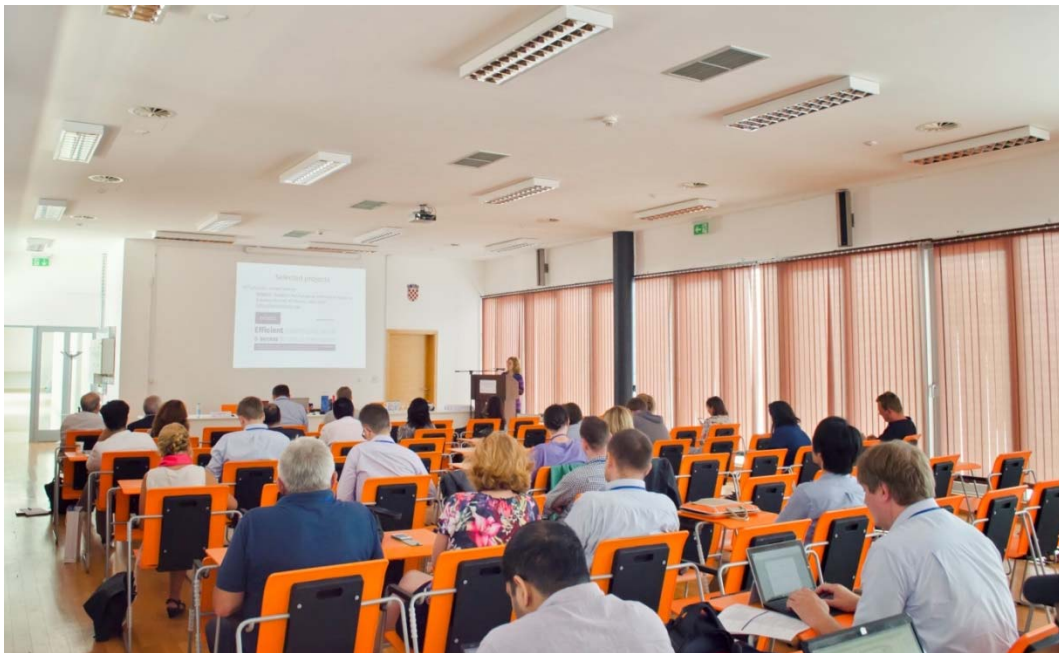


The Conference opening speech by the Vice President of the UDMS prof. Robert Laurini

During the three days 24 experts from 17 countries presented their works which elaborated on interesting geoinformation solutions in the planning and management of cities. UDMS had two main

aims in this conference: 1) to provide a forum to discuss advances in Smart City information and technologies, and 2) to provide the opportunity for senior researchers to establish collaborations on new research projects. The conference provided many opportunities for discussion during the research sessions, coffee breaks and lunches, and the social events.

The presented papers have undergone double-blind review by the international scientific committee. The Conference Proceedings was published in the ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences and is available as open access publication at the link: <http://www.isprs-ann-photogramm-remote-sens-spatial-inf-sci.net/III-4-W1/index.html>.



Presentation of GIS Laboratory of the Faculty of Civil Engineering, Architecture and Geodesy, University of Split

The Geographic Information Systems International Group (<http://www.gisig.eu>) held a half day workshop presenting GeoSmartCity concepts and experience from the Reggio Emilia in Italy. Last day, Organizing committee gave the best-paper award to the authors of the paper “Social Metrics Applied to Smart Tourism”.



Ms. Ofelia Delfina Cervantes Villagomez receives the best paper award from the Mr. Volker Coors

During the conference, the two social activities were organised: city tour and conference dinner. The city tour started in the Mediterranean Centre for Built Heritage placed in the northern tower of the Diocletian's Palace. Prof. Katja Marasović shortly presented history of the city of Split and then she guided a tour through the city and Diocletian's Palace.



Tour through the substructures of the Diocletian's Palace





Conference dinner

The University of Split and Split-Dalmatia County have recognized importance of the conference and thus supported the Conference organizationally and financially. The conference was open for all the lecturers and students of the University of Split and for the representatives of the cities from the region. In parallel to the conference, the GIS course was held as part of the International Split Summer School (<http://split-summerschool.com/>). Thus, the participants of the GIS course were invited to attend the conference and two conference presenters were invited as guest lecturers to the GIS course.

The next conference will be held in the city of Puebla, Mexico in October 2017. It is the first time that UDMS conference will take place outside the Europe.



International and local organising committee

Martina Baučić

Chair of the Local Organising Committee

Split, Croatia