

ISPRS Technical Commission IV Symposium 2018

Delft, The Netherlands October 1 - 5, 2018

3D Spatial Information Science - The Engine of Change

Esteemed colleague,

It is our great pleasure to invite you to submit papers, register for a workshop or follow the scientific sessions during the ISPRS TC IV symposium: <http://www.isprs.org/tc4-symposium2018/>. The symposium is jointly organised with UDMS SDSC, FIG 3D Cadastre and 3DGeoInfo (<https://www.tudelft.nl/geodelft2018/>).



The focus of this symposium is on 3D representations, integration of data from different domains (indoor/outdoor, above/below the surface, design/real world) and applying the information for a variety of applications. The joint event aims to bring together researchers, professionals and users from different domains to discuss, exchange ideas, and demonstrate new developments. It will provide great opportunities to learn users' requirements and interact with software developers. Much attention will be given to 3D standards, open access and exchange of spatial information. Best practices on 3D applications will be showcased.

Five keynote speakers will discuss emerging 3D spatial information topics:

- Prof Dr. Ruizhi Chen: Smartphone positioning and 3D mapping indoors
- Dr. Rod Thompson: 3D cadastres: 30 years back, 30 years ahead
- Dr. Claus Nagel: Use cases of 3D City Information Models
- Dr. Antonio Jara: Smart Destinations: Challenges and opportunities to create sustainable smart cities in the data economy
- Dorine Burmanje: The Netherlands Cadastre, Land Registry and Mapping

ISPRS symposium will host two workshops and one mapathon. More information on: <http://www.isprs.org/tc4-symposium2018/workshops.html> .

Conference Themes

The symposium covers the following research themes:

- Open geospatial standards (organised in cooperation with OGC and UDMS)
- Multi-dimensional Modelling
- Ontologies, Semantics, and Knowledge Representation for Geospatial Information
- Spatial Data Analysis, Statistics and Uncertainty Modelling
- Collaborative Crowdsourced Cloud Mapping
- Indoor/Outdoor Seamless Modelling, LBS and Mobility
- SDI: Internet of Things and Spatial Decision Support
- Geo-Data Management
- GeoComputation and GeoSimulation
- Geovisualization, Augmented and Virtual Reality
- Advanced Geospatial Applications for Smart Cities and Regions
- Geospatial Big Data and Urban Studies
- Global Mapping: Updating Verification and Interoperability

More details here: <http://www.isprs.org/tc4-symposium2018/topics.html>

Important Dates

- Full paper submission: May 15, 2018
- Abstract submission: May 30 2018
- Notification of acceptance: June 15 2018
- Final paper submission: July 15 2018

Paper submission: <https://easychair.org/conferences/?conf=isprs-tciv2018>

Papers accepted after full paper review will be published in ISPRS annals. Papers accepted after abstract review will be published in the ISPRS archives. Selected papers will be invited to prepare submissions to special journal issues.

One registration for the joint event allows presentation of 3 accepted papers. A tentative programme of the symposium is available here: <http://www.isprs.org/tc4-symposium2018/programme.html>

We are looking to see you at in Delft, 1-5 October 2018.

ISPRS Technical Commission IV 'Spatial Information Science'

E: isprs-cp-c4@isprs.org

W: <http://www2.isprs.org/commissions/comm4.html>

W: <http://www.isprs.org/tc4-symposium2018/>

W: <https://www.tudelft.nl/geodelft2018/>

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