

2018

# ISPRS Technical Commission IV Symposium Delft, The Netherlands October 1 - 5, 2018

## 3D Spatial Information Science - The Engine of Change

ISPRS TC IV **Spatial Information sciences** has a mandate of four years (2016-2020). During this period the Commission intends to further advance the research in **Spatial information sciences** considering both theoretical and practical aspects in modelling, structuring, management, analysis, visualization and simulation of data.

The focus in the four year period 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 research and developments within the commission are carried out within 10 WG and one ICWG, coordinated by 43 ISPRS officers and more than 100 members.

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



### Call for Papers

The ISPRS Technical Commission IV symposium highlights the work of the commission aiming to bring together researchers, professionals and users, to discuss, exchange ideas, and demonstrate new developments. It also provides a platform to learn users' requirements.



### Symposium Objectives

- To promote and advance 3D aspects of modelling, visualisation and simulation.
- To examine and evaluate the state of the art in all aspects of 3D modelling, analysis and visualisation.
- To bring together research and developments conducted in the 10 working groups.

### Conference Topics and Themes

The symposium covers a broad range of topics, in line with the terms of reference of the WG:

- 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

### Paper Submission and Publication

Accepted papers will be published in the *ISPRS Annals* or the *ISPRS Archives* (SCOPUS indexed). Authors of selected papers might be invited to extend their paper for possible publication in ISPRS Journals. Prospective authors are encouraged to consider the following possibilities for submission:

#### Papers for ISPRS Annals (Double-blind peer reviewed)

Submitted papers should report new or improved techniques, algorithms, bench marks, technology developments, frameworks, and best practices, which are not published elsewhere. Authors are encouraged to submit full papers (max 8 pages) in ISPRS format. Papers will be evaluated on their originality, novelty, and impact. Papers not accepted for *ISPRS Annals* might be considered for the *ISPRS Archives*.

#### Papers for ISPRS Archives (Abstract review)

Submitted extended abstracts will be published in the *ISPRS Archives*. Such papers can be professional/demo papers demonstrating innovative systems and practical approaches, or research in progress. Professional/Demo papers are limited to 8 pages in ISPRS format.

### Important Dates

Full paper submission:	March 31 2018
Abstract submission:	April 30 2018
Notification of acceptance:	May 15 2018
Final paper submission:	June 15 2018

### Registration fees

The fee includes all conference sessions, the material package, welcome reception, coffee breaks during the conference and one conference dinner.

#### Standard fees:

Early Registration	by Jun 15	€ 500
Late Registration	Jun 16 - Oct 1	€ 550
On-Site Registration	Oct 1 - Oct 5	€ 550

#### Student fees (Phd):

Early Registration	by Jun 15	€ 350
Late Registration	Jun 16 - Oct 1	€ 400
On-Site Registration	Oct 1 - Oct 5	€ 400

BSc and MSc students will be charged € 20 per day.



The symposium will be held at the Delft University of Technology, the Aula Congress Centre/Auditorium

The symposium will last from **October 1 to 5** as a part of **Geo Delft 2018**. The symposium is jointly organised with:

- 13th 3D Geoinfo conference
- 6th International FIG workshop on 3D Cadastres
- 3rd International conference on Smart data and Smart Cities

#### GeoDelft 2018 organisers

Peter van Oosterom	Delft, The Netherlands
Eveline Vogels	Delft, The Netherlands
Elfriede Fendel	Delft, The Netherlands
Mila N. Koeva	Enschede, The Netherlands
Hendrik Westerbeek	Apeldoorn, The Netherlands
Sisi Zlatanova	Sydney, Australia
Volker Coors	Stuttgart, Germany

#### Practical information

<https://www.tudelft.nl/geodelft2018/practical-information/>

#### Social Events

Please check the **GeoDelft 2018** web site for social and professional events

#### ISPRS Organising Committee

Hussein M. Abdulmuttalib	Deira, Dubai, UAE
Giorgio Agugiaro	Vienna, Austria
Thomas Blaschke	Salzburg, Austria
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#### Contact information

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#### Conference Websites:

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

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

#### City of Delft. The Netherlands



#### Sponsors



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#### GeoDelft 2018 conferences

