

3D Spatial Information Science - The Engine of Change

ISPRS TC IV **Spatial Information sciences** has a mandate of four years (2016-20120). 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 BSc and MSc students will be charged € 20 per day.

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



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 Eveline Vogels Elfriede Fendel Mila N. Koeva Hendrik Westerbeek Sisi Zlatanova Volker Coors Delft, The Netherlands Delft, The Netherlands Delft, The Netherlands Enschede, The Netherlands Apeldoorn, The Netherlands Sydney, Australia Stuttgart, Germany Hussein M. Abdulmuttalib Giorgio Agugiaro Thomas Blaschke Pawel Bouslawski Martin Breunig Maria Antonia Brovelli Sidonie Christophe Arzu Coltekin Mahmoud R. Delavar Mulhim Al Doori Suzana Dragicevic Eric Guilbert James Haworth Guoman Huang Umit Isikdag Mikhail Kanevski Zhizhong Kang Mila Koeva Margarita Kokla Klaus Komp Kourosh Khoshelham Heather Leason Yaolin Liu Marguerite Madden Mir Abolfazl Mostafavi Gerhard Navratil Dev Raj Paudyal Michael Peter Chris Pettit George Sithole Antonia Spanò **Emmanuel Stefanakis** Wei Tu Giuseppina Vacca Bert Veenendaal Ha Wu Xianfeng Zhang Sisi Zlatanova

Deira, Dubai, UAE Vienna, Austria Salzburg, Austria Wroclaw, Poland Karlsruhe, Germany Milan, Italy Paris, France Zurich, Switzerland Tehran, Iran Dubai, U.A.E. Burnaby, Canada Québec, Canada London, United Kingdom Beijing, China Istanbul, Turkey Lausanne, Switzerland Beijing, China Enschede. The Netherlands Athens, Greece Muenster, Germany Melbourne, Australia OSM, Qatar Wuhan, China Georgia, USA Quebec, Canada Vienna, Austria Toowoomba, Australia Enschede, The Netherlands Sydney, Australia Cape Town, South Africa Torino, Italy Fredericton, Canada Shenzhen, China Cagliari, Italy Perth Australia Beijing, China Beijing, China Sydney, Australia



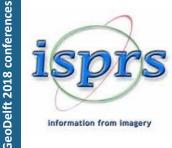
TUDelft





UNIVERSITY OF TWENTE











Practical information

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

Social Events

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

Please feel free to contact us at:

E-mail ISPRS: isprs-cp-c4@isprs.org

E-mail Geo Delft 2018: GeoDelft2018_bk@tudelft.nl

Conference Websites:

http://www.isprs.org/tc4-symposium2018/ https://www.tudelft.nl/geodelft2018/