# Geo Delft Conferences 2018
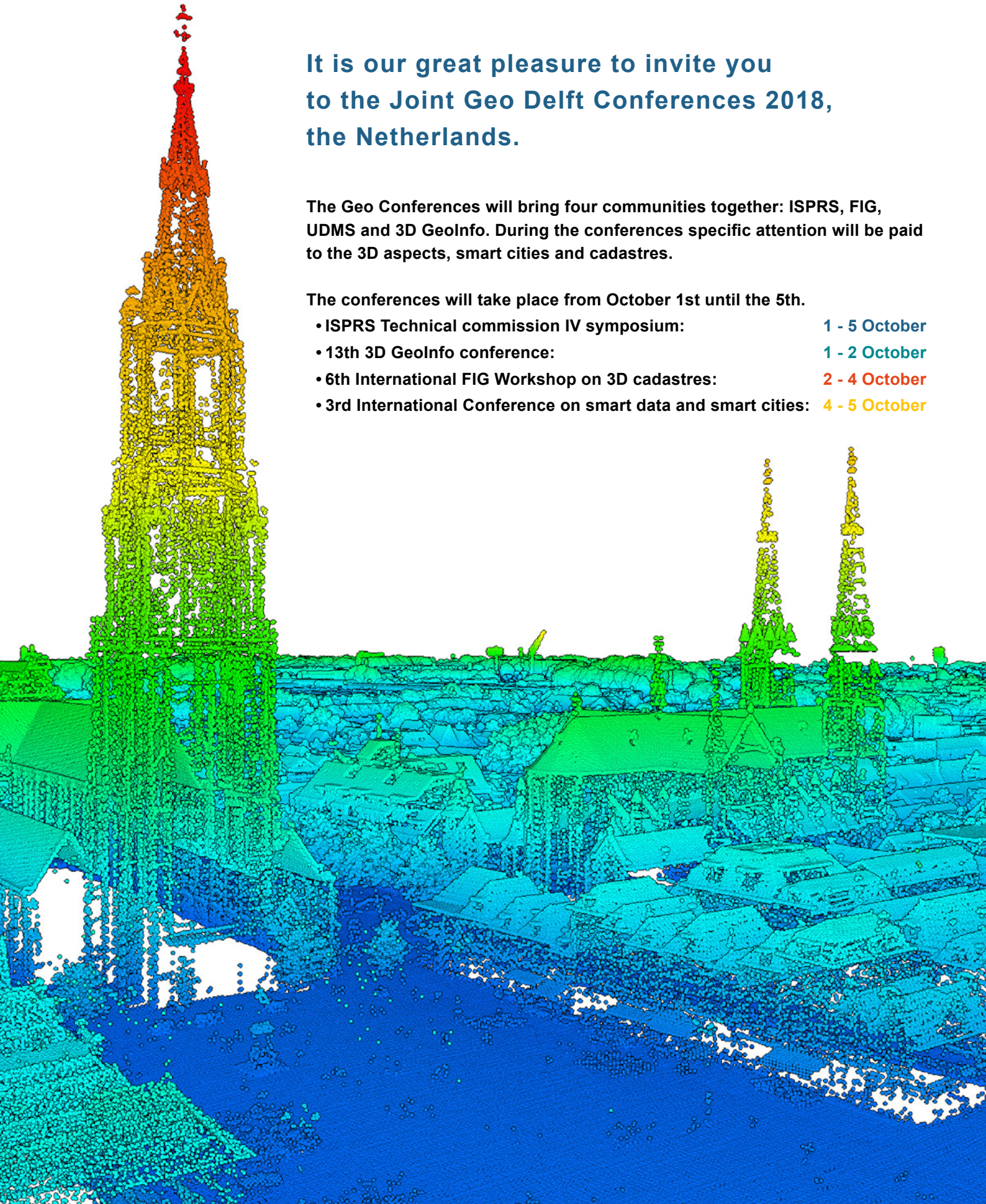
**1 - 5 October 2018**

**It is our great pleasure to invite you to the Joint Geo Delft Conferences 2018, the Netherlands.**

**The Geo Conferences will bring four communities together: ISPRS, FIG, UDMS and 3D GeoInfo. During the conferences specific attention will be paid to the 3D aspects, smart cities and cadastres.**

**The conferences will take place from October 1st until the 5th.**
- **ISPRS Technical commission IV symposium:** **1 - 5 October**
- **13th 3D GeoInfo conference:** **1 - 2 October**
- **6th International FIG Workshop on 3D cadastres:** **2 - 4 October**
- **3rd International Conference on smart data and smart cities:** **4 - 5 October**

## Brief intro Delft;

Creating History, is the slogan of Delft. The city has a lot of history for example the famous painter Johannes Vermeer, the Old and New church in the city center and Museum Prinsenhof.

It is also home of the Delft University of Technology. The university is well known for its diverse studies. Every year thousands of (inter)national students come to Delft to start their bachelor, masters or their PhD.

Together with the historical city center and the Delft University of Technology is an attractive city to welcome all delegates.

## Topics per event

### ISPRS:

- Open geospatial standards
- Multi-dimensional Modelling
- Ontologies, Semantics, and Knowledge Representation for Geospatial Information
- Spatial Data analysis. Statistics and Uncertainty Modellling
- 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

### FIG, 3D cadastre:

- 3D Cadastre operational experiences (analysis, LADM based, learn from each other, discover gaps)
- 3D Cadastre cost effective workflow for new / updated 3D parcels = 4D (part of whole chain: from planning / design / permit in 3D, to registration / use in 3D)
- 3D Cadastre web-based dissemination (usability, man-machine interfaces, including mobile/AR)
- Legal aspects for 3D Cadastre, best legal practises in various legislation systems
- Focus on large cities, including developing countries

### 3D GeoInfo:

- 3D data acquisition and processing;
- 3D city modelling and its standards;
- 4D/5D Modelling, BIM;
- Visualisation and dissemination of 3D data;
- 3D GIS, spatial analysis and its applications (cadastre, utilities, infrastructure, navigation, planning, geology, disaster and risk management, archaeology, marine systems, simulations).

### SDSC:

- 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 cities
  - Systems of territorial intelligence
  - Systems for city intelligent management

# Programme
## at a glance

| | | ISPRS | 3D GEOINFO | 3D CADASTRES | SDSC |
|---|---|---|---|---|---|
| **Monday 1** *October* | Slot 1: plenary/keynote | Keynote speaker Dorine Burmanje<br>Special session: Best of the Netherlands | | | |
| | Slot 2 | ISPRS | 3D GEOINFO | | |
| | Slot 3 | ISPRS | 3D GEOINFO | | |
| | Slot 4 | ISPRS | 3D GEOINFO | | |
| | Welcome reception | | | | |
| **Tuesday 2** *October* | Slot 5 | ISPRS | 3D GEOINFO | | |
| | Slot 6 | ISPRS | 3D GEOINFO | | |
| | Slot 7: plenary/keynote | Keynote speakers: Claus Nagel en Rod Thompson<br>Best paper award 3D Geo Info and 3D Cadastres | | | |
| | Slot 8 | ISPRS | 3D GEOINFO | 3D CADASTRES | |
| | Conference dinner 1 | | | | |
| **Wednesday 3** *October* | Slot 9 | ISPRS | | 3D CADASTRES | |
| | Slot 10 | ISPRS | | 3D CADASTRES | |
| | Slot 11 | ISPRS | | 3D CADASTRES | |
| | Slot 12 | ISPRS | | 3D CADASTRES | |
| **Thursday 4** *October* | Slot 13 | ISPRS | | 3D CADASTRES | SDSC |
| | Slot 14: plenary/keynote | Keynote speakers: Antonio Jara and Ruizhi Chen | | | |
| | Slot 15 | ISPRS | | | SDSC |
| | Slot 16 | joint session OGC | | | SDSC |
| | Conference dinner 2 | | | | |
| **Friday 5** *October* | Slot 17 | joint session OGC | | | SDSC |
| | Slot 18 | ISPRS | | | SDSC |
| | Slot 19 | ISPRS | | | SDSC |
| | Slot 20: plenary/keynote | Awards session ISPRS and SDSC<br>Closing session | | | |

## Keynotes

During the conferences there will be several keynote speakers:

**Dorine Burmanje**, *CEO of the Kadaster, The Netherlands and co-chair of UN- GGIM Expert group om Land administration and management.*

**Antonio Jara**, *CEO and founder of HOP Ubiquitous S.L., vice-chair of the IEEE communications Society Internet of Things Technical Committee, and adjoint scientifique in the University of Applied Sciences Western Switzerland.*

**Claus Nagel,** *CTO virtualcitySYSTEMS, leading expert in the field of 3D city modelling, providing software solutions based on open standards and interfaces*

**Rod Thompson**, *author (or co-author) of large number of publications and active in the 3D Cadastral research community through Delft University of Technology and the University of Southern Queensland.*

**Ruizhi Chen**, *Director of the state key laboratory of information Engineering in Surveying, Mapping and Remote Sensing, Wuhan University. Publisher of two books: Geospatial Computing in Mobile Devices & Ubiquitous Positioning and Mobile Location Based Service.*

## Accommodation

The organization of Geo Delft Conferences 2018 has selected Preferred Hotel Reservations as official agent to make the hotel arrangements.
For more information visit their website:
www.preferredreservations.nl/geo-delft-conference

## Sponsoring opportunities

If you would like to sponsor the event please feel free to contact Hendrik Westerbeek (*hendrik.westerbeek@kadaster.nl*) or Daniëlle Saris (*d.m.saris@tudelft.nl*).
There are different sponsor packages available, moreover taylor made sponsor packages are also available.

## Contact details:

For more information visit the website www.tudelft.nl/geodelft2018/

| | Early registration Your registration is considered early until **July 15** | Late registration |
|---|---|---|
| **ISPRS Symposium** | **Standard €500** **PhD student € 350** | **Standard € 550** **PhD student € 400** |
| **3D Geo Info** | **Standard € 250** **PhD student € 200** | **Standard* € 300** **PhD student € 250** |
| **FIG Workshop on 3D Cadastre** | **Standard € 300** **PhD student € 200** | **Standard €350** **PhD student €250** |
| **Conference on Smart Data and Smart Cities** | **Standard € 300** **PhD student € 200** | **Standard €350** **PhD student €250** |
| **Joint Registration** | **Standard € 650** **PhD student € 400** | **Standard € 700** **PhD student € 450** |
| **BSc & MSc students** | **€ 20 per day** | **€ 20 per day** |
| **Day Pass 3D GeoInfo Conference** | **€ 125** | **€ 125** |
| **Day Pass ISPRS, FIG, Smart Cities Smart Data** | **€ 200** | **€ 200** |

Or send an e-mail to
**Geodelft2018-bk@tudelft.nl**



**Jointly organised by**



**tudelft.nl/geodelft2018**