



**3D Geoinfo Conference**  
[www.3dgeoinfo.org](http://www.3dgeoinfo.org)  
 3-4 November 2010  
 Berlin, Germany

# 3<sup>rd</sup> Call for Papers

for the 5<sup>th</sup> International Conference on 3D Geo Information, 3-4 November 2010, Berlin, Germany, jointly organised by ISPRS WG IV/8, OGC, EuroSDR, DGPF, and Berlin University of Technology.

**Participants and Focus.** 3D Geoinfo aims at bringing together **international researchers from academia, industry and government in the field of 3D geo information.** The conference offers an interdisciplinary forum to researchers in the fields of:

- Data collection and modelling: advanced approaches for 3D data collection, reconstruction and methods for representation
- Data management: topological, geometrical, and network models for maintenance of 3D geo information
- Data analysis and visualisation: frameworks for representing 3D spatial relationships, 3D spatial analysis, algorithms for navigation, interpolation, and advanced virtual reality

**Conference Topics.** Amongst others, the following subjects will be addressed by the conference:

- 3D geo information requirements (based on analysis of applications)
- 3D data acquisition, processing (LiDAR, photogrammetry) and object reconstruction
- 3D GIS and time / 4D models
- 3D in spatial databases
- 3D geometry and topology; levels of detail (scale, resolution)
- 3D visualisation, augmented and virtual reality
- 3D spatial analysis and simulation
- 3D indoor and outdoor navigation
- 3D city models and building (information) modelling (outdoor and indoor integration) and future aspects of city modelling
- 3D spatial data infrastructures and 3D data integration
- 3D and 4D earth system and geological modelling
- 3D applications (e.g., 3D cadastre, 3D utilities, 3D city and urban planning, disaster and risk management, environmental simulation, training simulation)

## Conference Fees.

	Early bird	after 10 Sept 2010
Regular	320 Euro	360 Euro
DGPF member	290 Euro	330 Euro
Student	240 Euro	270 Euro
Accompanying person	100 Euro	120 Euro

Prices include icebreaker, lunches, social event, and conference proceedings (CD; printed versions for regular and DGPF participants only).

**Publications.** Researchers are invited to submit full papers (up to 6000 words) or extended abstracts (1000-1500 words) describing original and unpublished fundamental scientific research. All manuscripts will be subject to a double-blind review process. Accepted full papers will be published within the LNG&C series by Springer. Accepted extended abstracts will be published in the conference proceedings with ISBN/ISSN reference. A selection of high-quality papers will be accepted for (oral/poster) presentation at the conference. Guidelines for all forms of submissions are according to templates which will be provided on the conference website. Please submit all abstracts and papers through the website according to the following deadlines:

**Please note that the submission deadlines are extended!**

Full paper submission:	<b>16 May 2010</b>
Extended abstract submission:	<b>23 May 2010</b>
Notification of full paper acceptance:	<b>18 June 2010</b>
Notification of extended abstract acceptance:	<b>02 July 2010</b>
Camera ready submission:	<b>06 August 2010</b>

**Conference Schedule.** On the eve of the conference, we offer a first opportunity for establishing initial contacts on an icebreaker party with finger food and drinks. The daily scientific track will be introduced by a keynote speaker followed by presentations of researchers within 3D Geoinformation technology. In parallel to the conference a company exhibition and a poster session is organized at the "Lichthof". In the evening of Conference Day 1, we offer a Conference Dinner combined with a visit of Walter Braunfels's opera play "Joan of Arc - Scenes from the Life of St. Joan" produced by Christoph Schlingensiefel.

<b>02 November 2010</b>	from 6.00 pm	Icebreaker Party above the roofs of TU Berlin
<b>03 November 2010</b>	9.00 am to 12.30 pm 12.30 pm to 2.00 pm 2.00 pm to 4.30 pm from 6.00 pm	<b>Conference Day 1</b> Conference Lunch Conference Social event at Deutsche Oper Berlin
<b>04 November 2010</b>	9.00 am to 12.30 pm 12.30 pm to 2.00 pm 2.00 pm to 5.30 pm	<b>Conference Day 2</b> Conference Lunch Conference

# Organisation.



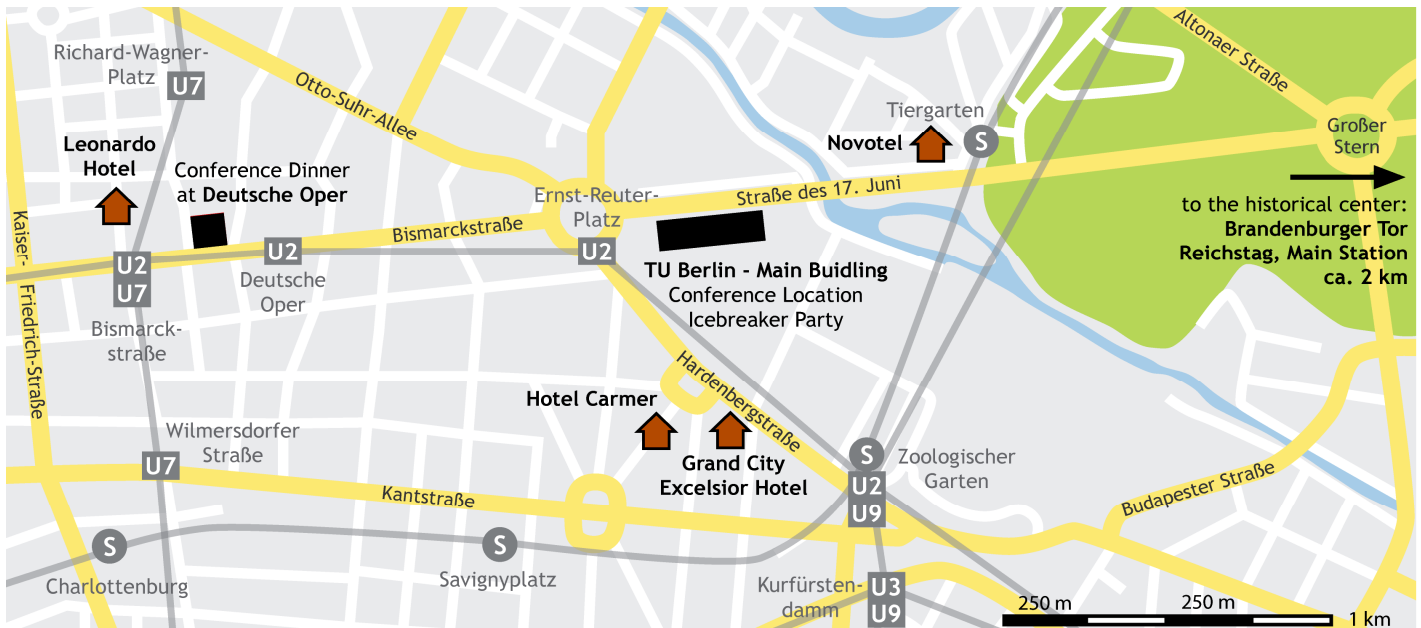
**Conference Chair** Thomas H. Kolbe, Technische Universität Berlin, Germany

**Conference Organisation** ISPRS Working Group IV/8 (Sisi Zlatanova, Delft University of Technology, The Netherlands)  
 Open Geospatial Consortium, Inc.  
 European Spatial Data Research  
 German Society for Photogrammetry, Remote Sensing, and Geoinformation  
 Technische Universität Berlin, Germany

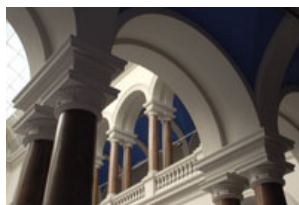
**Local Organising Committee** Thomas Becker, Andreas Fuls, Javier Herreruella, Robert Kaden, Gerhard König, Andreas Krüger  
 Rosemarie Kunkel, Hartmut Lehmann, Alexandra Lorenz, Claus Nagel, Bernd Stary, Sven Weisbrich

## Scientific Committee

Alias Abdul-Rahman	Universiti Teknologi Malaysia	Stephan Nebiker	University of Applied Sciences, Switzerland
Roland Billen	University of Liège, Belgium	Anders Östman	University of Gävle, Sweden
Lars Bodum	Aalborg University, Denmark	Norbert Pfeifer	Vienna University of Technology, Austria
Martin Breunig	University of Osnabrück, Germany	Jacynthe Pouliot	Université Laval, Québec, Canada
Eliseo Clementini	University of L'Aquila, Italy	Carl Reed	Open Geospatial Consortium, USA
Volker Coors	University of Applied Sciences Stuttgart, Germany	Massimo Rumor	University of Padova, Italy
Jürgen Döllner	University of Potsdam, Germany	Monika Sester	University of Hannover, Germany
Philippe de Maeyer	Ghent University, Belgium	Uwe Stilla	Technische Universität München, Germany
Claudine Métral	University of Geneva, Switzerland	André Streilein	Swisstopo, Switzerland
Christopher M. Gold	University of Glamorgan, United Kingdom	Rod Thompson	Queensland Government, Australia
Gerhard Gröger	University of Bonn, Germany	Peter van Oosterom	Delft University of Technology, The Netherlands
Gerhard Joos	NATO C3 Agency, The Netherlands	George Vosselman	ITC Enschede, The Netherlands
Hugo Ledoux	Delft University of Technology, The Netherlands	Peter Woodsford	Snowflake Software, United Kingdom
Jiyeong Lee	University of Seoul, South Korea	Mike Worboys	University of Maine, USA
Ki-Joune Li	Pusan National University, South Korea	Qing Zhu	Wuhan University, China
Fred Limp	University of Arkansas, USA	Alexander Zipf	University of Heidelberg, Germany
Marc-Oliver Löwner	Technische Universität Braunschweig	Sisi Zlatanova	Delft University of Technology, The Netherlands
Hui Lin	Chinese University of Hong Kong, China		



## Conference Locations.



### Technische Universität Berlin - Main Building

The conference will take place at the historical part of the main building of the Technische Universität Berlin. The heart of the old building is the impressive hall "Lichthof", surrounded by the conference rooms. The "Geodätenstand" on the roof top of the university main building is the location where we will have the icebreaker. It offers a panorama view over Berlin and was designed to perform terrestrial measurements.



### Deutsche Oper Berlin

The Social Event will take place at Deutsche Oper Berlin. It will be a combination of a visit of Walter Braunfels's opera "Joan of Arc - Scenes from the Life of St. Joan" and the Conference Dinner. For detailed information about the play, please see the official web site [www.schlingensief.com/index\\_eng.html](http://www.schlingensief.com/index_eng.html).

## Accommodation.

Conference participants have the possibility to choose between four conference hotels which offer special conditions on bookings until 15 September 2010. For further information, visit the conference website.

In case of questions, please contact [3dgeoinfo@igg.tu-berlin.de](mailto:3dgeoinfo@igg.tu-berlin.de)

For further information, please consult the conference website:

[www.3dgeoinfo.org](http://www.3dgeoinfo.org)