3D GeoInfo Conference

www.3dgeoinfo.org

3-4 November 2010
Berlin, Germany

2nd Call for Participation

for the 5th International Conference on 3D Geoinformation

3-4 November 2010 in Berlin, Germany
+ optional "Scientific Brunch" on Friday, 5th

jointly organised by ISPRS WG IV/8, OGC, EuroSDR, DGPF, and Berlin University of Technology

Invitation.

3D GeoInfo 2010 aims at bringing together **international researchers from academia, industry, and government in the field of 3D geoinformation**. We are inviting researchers and companies to participate and present their activities to international experts in the field of 3D geo information technology. The conference offers an interdisciplinary forum 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

☐ 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)

Accepted Papers.

The review process is complete. We have accepted 31 papers for oral and 22 papers for poster presentation. The complete list of accepted papers can be seen at:

http://www.igg.tu-berlin.de/3dgeoinfo/papers.html

Conference Schedule.

	2010 November			
	2nd	**3rd**	**4th**	**5th**
08:00 - 09:00		Registration	Registration	
09:00 - 09:30		**Opening Plenary** Welcome Note 1. Invited Talk	**2. Invited Talk**	
09:30 - 10:00			**Session 5**	**!! NEW !!** **Scientific Brunch** Topics: 3D Ethics Charter, Future Research Topics in 3D Geoinformation Science, etc.
10:00 - 10:30		**Session 1**		
10:30 - 11:00		Coffee Break	Coffee Break	
11:00 - 12:30		**Session 2**	**Session 6**	
12:30 - 13:30		Lunch Break	Lunch Break	
13:30 - 14:00		**Session 3**	**Session 7**	
14:00 - 15:00				
15:00 - 15:30		Coffee Break	Coffee Break	
15:30 - 16:00		**Session 4**	**Session 8**	
16:00 - 16:30				
16:30 - 17:00				
17:00 - 17:30			**Closing Plenary**	
18:00 19:00 20:00 21:00 …… 24:00	**Ice Breaker Party** incl. Registration	**Social event and dinner at the Deutsche Oper**		

Prior to the 3D GeoInfo Conference we are organising the "Entwicklerforum Geodäsie and Geoinformationstechnik". For further information please consult the workshop website www.igg.tu-berlin.de/entwicklerforum.

Conference Fees.

	Early bird	after 10th Sept.
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 event, lunches, social event, "Scientific Brunch", and conference proceedings (CD; printed versions for regular and DGPF participants only).

Scientific Brunch.

Due to multiple requests, we offer the possibility to join a "Scientific Brunch" on Friday, 5th from 10 am to 2 pm. The "Scientific Brunch" will address hot topics in the field of 3D geoinformation such as the 3D Ethics Charter and is dedicated as discussion forum and exchange of ideas between experts in 3D geoinformation. Please contact the organizers if you would like to add further topics.
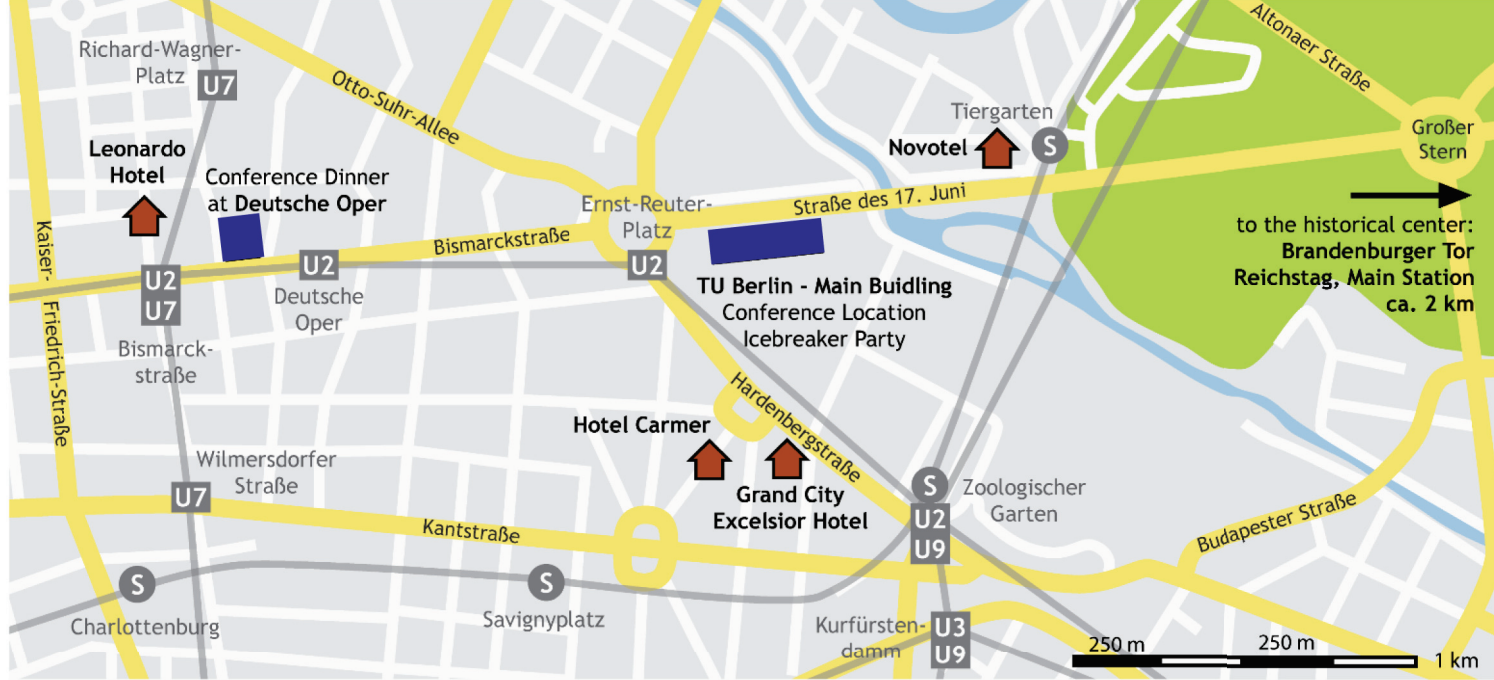
Organisation.

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

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.

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.

Industry Exhibition.

The daily scientific track will be introduced by a keynote speaker followed by oral and poster presentations. The industry exhibition and poster session will takes place in the "Lichthof".

"Lichthof" of TU Berlin

We are inviting companies to participate and present their activities to international experts in the field of 3D geoinformation technology. We offer appropriate sponsoring cooperation and negotiate individual conditions.

Sponsors. (to be extended)

In case of questions, please contact **3dgeoinfo@igg.tu-berlin.de**

For registration or further information, please consult the conference website:

www.3dgeoinfo.org