

### ... a city with character

The Westphalian City of Münster was selected as the world's most liveable city in its size category in an international competition. Münster competed successfully for the LivCom Award 2004 against cities including Seattle (USA) and Coventry (UK) in the category for cities with a population between 200,000 and 750,000.

Münster, the city where the Westphalian Peace Treaty was signed, is a historical place with a 1200 year old history. The contemporary Münster is a modern and young city, because of its numerous students and is always worth a visit.

Futher interesting information about Münster can be found at:  
<http://www.muenster.de>

Hotels with special conditions for University guests, under:  
<http://www.gi-days.de/accommodation.php>

Futher offers and informations:  
<http://www.muenster.de/stadt/tourismus/hotels.html>

### ... tourist info münster

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48143 Münster  
Opening hours:  
Mo. - Fr. 9.30-18.00  
Sa. 9.30-13.00  
phone: +49 (0) 251 492-2710  
fax: +49 (0) 251 492-7743  
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### ... office

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### ... further information

**GI Days**  
<http://www.gi-days.de>

**Institute for Geoinformatics (ifgi)**  
<http://ifgi.uni-muenster.de>

### ... sponsors



**Institute for Geoinformatics (ifgi)**  
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**program ...**

**GI**Days

**June 16 - 18**

Münster, Germany  
<http://www.gi-days.de>

## ... monday, June 16

All Keynotes and Sessions take place in Schloss AULA

8:30 **Registration**

9:30 **Welcome**

9:45 **Keynote 1: „ArcGIS Server: A platform for geospatial services“** Ismael Chivite, ESRI Redlands

10:30 **Coffee break**

11:00 **Session 1: Applications**

Luis Samaniego and András Bárdossy: *Characterizing the Spatial Variability: examples from the Earth and Mars*

Michael Bauer, Volker Coors, Thorsten Schulz and Alexander Zipf: *Zur Nutzung von 3D-Stadtmodellen für mobile Navigationssysteme*

Dirk Ahlers, Susanne Boll and Daniel Wichmann: *Virtual signposts for location-based story-telling*

Roland König, Ralf Neugebauer, Jürgen Biermann, Theodor Gervens, Marcus Bertling and Daniel Kümper: *Absperrung eines Gefahrengebietes*

12:30 **Lunch break**

14:00 **Session 2: Geospatial Web Services (WPS) 1**

Edward Nash: *WPS Application Profiles for Generic and Specialised Processes*

Andreas Donaubauber, Tatjana Kutzner and Florian Straub: *Towards a Quality Aware Web Processing Service*

Bastian Schäffer: *Towards a Transactional Web Processing Service (WPS-T)*

15:30 **Poster Session & Coffee break**

16:00 **Session 3: Geosensor Networks**

Kathrin Poser, Heidi Kreibich and Doris Dransch: *Humans as Sensors: Assessing the quality of information from the public for rapid flood loss estimation*

Alexander C. Walkowski: *On GeoSensor Network optimization using a model-based approach*

Daniela Ballari, Miguel Angel Manso-Callejo and Monica Wachowicz: *The Interoperability of Wireless Sensor Networks*

19:00 **Dinner - Restaurant „Scala“**

## ... tuesday, June 17

9:00

**Keynote 2: „Uncertainty: the key to interoperable geospatial processing?“** Dan Cornford, Anston University

9:45

**Coffee break**

10:00

**Parallel Session 4:**

**... Semantic Interoperability and Web 2.0**

Theodor Foerster, Javier Morales and Jantien Stoter: *A Classification of Generalisation Operators Formalised in OCL*

Chamseddine Zaki, Myriam Servières and Guillaume Moreau: *An ontology-based model for representing evolution of both data and semantic in GIS*

Daniele Casciello, Francisco Rivas and Åke Sivertun: *Integration of Remote Sensed Images and Semantic Based Descriptors for Hazards and Risks Management*

Fabian Wilske: *Approximation of Vague Regions Using Collaborative Tagging Systems*

12:00

**Lunch break**

13:30

**Keynote 3: „The Benefits of Open Standards - How to Engage with OGC“** Martin Klopfer, OGC Europe

14:15

**Session 5: Geospatial Web Services (WPS) 2**

Bastian Baranski: *Grid Computing Enabled Web Processing Service*

Johannes Brauner: *Providing GRASS with a Web Processing Service Interface*

Zekeng Liang and Dejian Meng: *Personalised and Adaptive Information-Sharable Spatial Map for Mobile Users*

15:45

**Poster Session & Coffee break**

16:15

**Session 6: Spatial Data Infrastructures**

Thomas Brinkhoff, Christof Lindenbeck and Jürgen Weitkämper: *Interoperable Data Processing by Mobile Geospatial Applications*

Farhad Samadzadegan, Amin Alvand and Sara Saeedi: *Design and Implementation of a Service Oriented Geospatial Portal for Disaster Risk Management*

Ulrich Boes and Raina Pavlova: *Is there a Future for Spatial Data Infrastructures?*

17:45

**Short break, Awards & Closing**

18:30

**Opportunity to play Soccer or attend Guided City Tour**

This Session takes place in „Senatsaal“

**... Geostatistical Applications and Real-Time Geostatistics**

S.J. Melles, J. Beekhuizen, S. de Bruin, G.B.M. Heuvelink, A. van Dijk and C.J.W. Twenhofel: *Optimizing monitoring networks for contaminant dispersion*

Jorge de Jesus, Paul Hiemstra and Grégoire Dubois: *Web-based geostatistics using WPS*

Tonio Fincke, Victor Lobo and Fernando Bação: *Visualizing self-organizing maps with GIS*

Jon O. Skøien, Olivier Baume, Edzer J. Pebesma and Gerard B. M. Heuvelink: *Automatic detection and correction of heterogeneities between networks*

## ... wednesday, June 18

All tutorials take place at ifgi

9:00 **Geosensor Networks**

Simon Jirka, OSIRIS FP-6 EU Project

Johannes Echterhoff, Contributor to OGC SWE Specifications

**Geoprocessing in GRID Computing**

Bastian Baranski, Institute for Geoinformatics (ifgi)

Patrick Maué, GDI-Grid.de

12:00 **Lunch Break**

13:30 **Web processing with OGC WPS Specification**

Theodor Förster, Leading Developer, 52n WPS

**Volunteered Geographic Information (VGI) OpenstreetMaps process and prospects**

Steve Coast, Chairman, OSM Foundation