

Announcement



European Spatial Data
Research



International Society for
Photogrammetry and Remote
Sensing

EuroSDR & ISPRS Hannover Workshop 2008

Geosensor Networks

Hannover, Germany
February 20 – 22, 2008

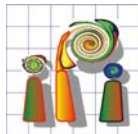
<http://www.ikg.uni-hannover.de/geosensor>

hosted by



Landesvermessung + Geobasisinformation
Niedersachsen

and



Institute of Photogrammetry
und GeoInformation



Institute of Cartography
and Geoinformatics

Leibniz
Universität Hannover

Workshop objectives

Geosensor Networks have received strong interest in recent years. The basic principle is that a large number of potentially simple sensors can achieve a global perception of environment using their individual sensing facilities together with communication and cooperation. This topic deals with inherently spatial aspects like positioning and sensing the local environment, however, it also includes aspects of data communication and data processing. Thus, different communities are dealing with this topic from different perspectives.

This single-track focussed workshop concentrates on recent developments and future directions of Geosensor Networks which relate both to geodetic and non-geodetic applications. The workshop aims at bringing together researchers, technology developers and users of the different involved disciplines and thus at providing a forum for fruitful discussions.

Invited experts from Europe and overseas will provide an overview of the state-of-the-art, the potential and the impact of Geosensor Networks. In addition to the presentations, there will be ample time to discuss relevant issues and open questions. The workshop language is English.

Your hosts

LGN is the State Mapping Agency of Lower Saxony in Germany. This institution is responsible for producing the digital topographic data base ATKIS and printed topographic maps, but also for providing SAPOS - the satellite positioning service of the German state survey.

www.lgn.niedersachsen.de

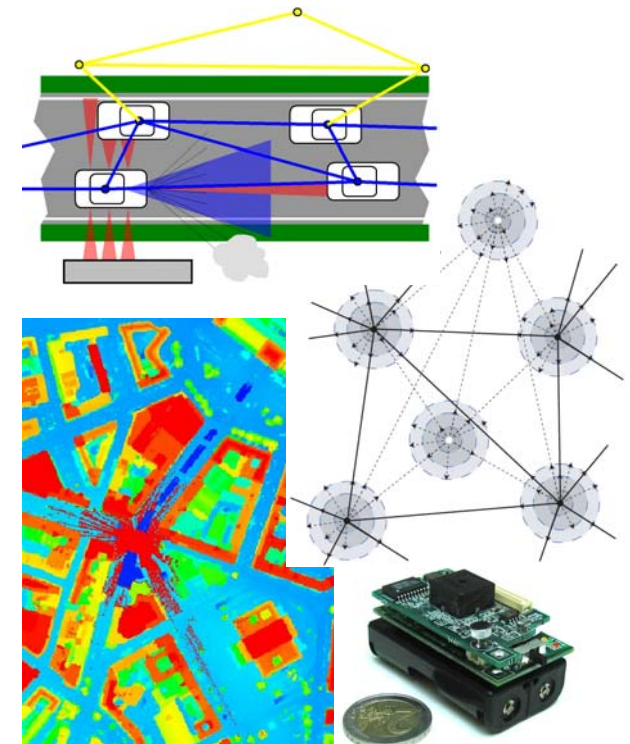
Both institutes of the Leibniz University of Hannover deal with interpreting geoinformation. One has a reputation for image analysis and sensor fusion, the other is well-known for automatic generalization, spatial data integration and 3D-city models.

www.ipi.uni-hannover.de www.ikg.uni-hannover.de

Workshop topics

Topics of the workshop include basic concepts, research issues as well as applications:

- Scientific and technical aspects of Geosensor Networks (sensor network design, communication, positioning)
- The OGC Sensor Web Enabling Initiative
- Information extraction from sensor network data
- Geo-Applications (geoscientific, environmental)
- Geosensor Networks and National Mapping and Cadastre Agencies & INSPIRE
- Geosensor Networks beyond geodetic applications
- Geosensor Networks and security



Programme Committee

Ismael Colomina, Institut de Geomatica, Barcelona
Michael Cramer, Universität Stuttgart
Birgit Elias, Leibniz Universität Hannover
Markus Gerke, ITC, Enschede
Eberhard Gülch, Stuttgart University of Applied Sciences
Christian Heipke, Leibniz Universität Hannover
Mike Jackson, University of Nottingham
Ernst Jäger, LGN Hannover
Keith Murray, Ordnance Survey, Southampton
Monika Sester, Leibniz Universität Hannover
Anthony Stefanidis, George Mason University
Vincent Tao, Microsoft, Seattle
Stephan Winter, Melbourne University, Australia
Peter Woodsford, 1Spatial and Snowflake Software, UK

Supporting organizations

EuroSDR: European Spatial Data Research,
www.eurosdrr.net

ISPRS: International Society for Photogrammetry
and Remote Sensing
www.isprs.org

ISPRS WG I/3: Multi-platform sensing and sensor
Networks

ISPRS WG II/3: Multiple representations of image
and vector data

ISPRS WG IV/3: Automated geo-spatial data
acquisition and mapping

Registration forms and further information are
available at:

www.ikg.uni-hannover.de/geosensor

CONTACT

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Niedersachsen (LGN)
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D-30659 Hannover, Germany

Phone +49 (511) 64609 – 140/149
Fax +49 (511) 64609 – 148
E-Mail info@lgn.niedersachsen.de

Registration, fees, and accommodation

The registration fee will be

160,- € if registered and paid by
January 15th, 2008
200,- € after January 15th, 2008

The fee includes admission to all sessions,
conference presentations on CD, coffee and lunch,
and one social event.

Please register by filling out the registration form
available on the web. Additionally, all details about
fee payment will be published at the workshop web
site.

Accommodation will be handled by

Hannover Tourismus Service
Ernst-August-Platz 2,
D-30159 Hannover, Germany

Phone +49 (511) 12345–111
Fax +49 (511) 12345–112
E-mail info@hannover-tourism.de

Workshop site

The workshop will be held at the LGN.



Local transportation (www.uestra.de) is available from
Hannover airport by express train to the main railway
station. From there the station “Buchholz/ Nolte-
meyerbrücke” can be reached in 11 minutes by
underground lines 3 (Altwarmbüchen), 7 (Fasanen-
krug) and 9 (Lahe).

Hannover in Northern Germany, formerly the
residence of the Hanoverian Kings of Great Britain,
is today the city of trade fairs and the capital of
Lower Saxony with a population of 520.000.

Being placed in the centre of Europe, it has
excellent travel connections by air, road and rail. In
2000 Hannover was the location of the first world
EXPO in Germany. Among other attractions, the
Royal Gardens of Herrenhausen, interesting and
historic sights, as well as unique events, make
Hannover the destination of tourists from all over
the world.

