

August 29 – 31, 2016 Muenster, Germany

Geospatial Sensor Webs Conference 2016

CALL FOR PAPERS

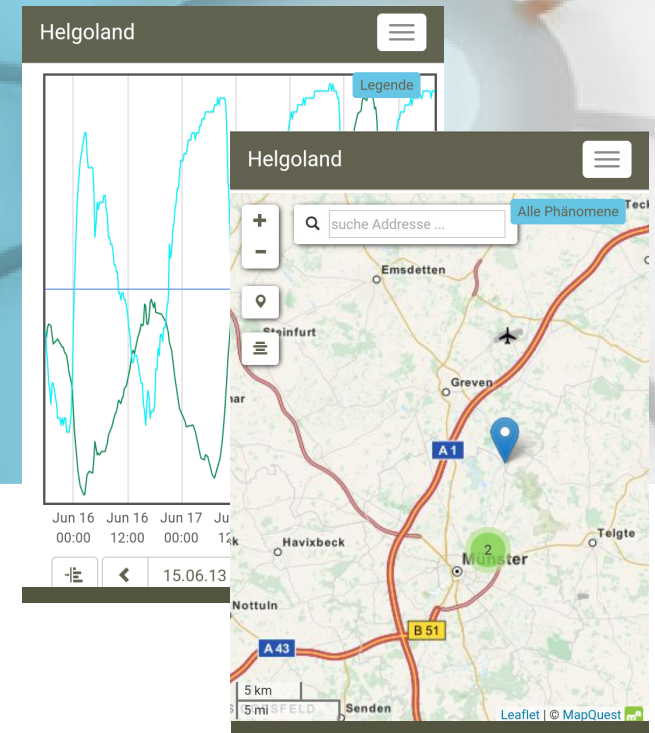
Earth observation networks deliver a multitude of data capturing the state of the earth. The data sets delivered are of high value for scientists and other stakeholders from various domains and backgrounds. To facilitate access and integration of those data sets, Sensor Web technologies are becoming increasingly popular.

Observation data that can be handled in Sensor Web infrastructures may cover a broad variety of types. These range from air quality measurements, hydrological data and weather observations, to data collected by sea buoys or even complex autonomous systems, such as sea gliders or satellites.

Under the motto “Geospatial Sensor Webs”, the 52°North Open Innovation Network aims to provide a forum in which Sensor Web researchers and practitioners can present and discuss their ideas, use cases and solutions. The forum will be an opportunity to discuss the state and future directions of Sensor Web standards and technologies based on experiences in a variety of application domains.

The 2016 Workshop and Conference continues the series of 52°North workshops on Sensor Web technologies, which started in 2013. This year, we will foster a wider scientific exchange on the topic by complementing the workshop with a conference day.

The program will offer pre-conference tutorials on Monday, August 29th. The conference will start with a keynote session on Tuesday, August 30th, followed by paper presentations and open sessions on various topics. Wednesday, August 31st, focuses on user requirements, needs, and plans concerning 52°North Sensor Web technology, i.e. this day continues the format of the previous annual 52°North Sensor Web workshops.



Contributions are invited for both the conference and the workshop day.

- The conference papers will be peer-reviewed. Submitted papers should have 2000 to 3000 words, written in English. All accepted papers will be published, presumably with CEUR-WS. We also have the option of a journal publication.
- Submissions to the workshop on Wednesday should provide a title and a brief abstract of about 50 words.

Please submit your papers to:
gswconference@52north.org

Geospatial Sensor Webs Conference 2016

Conference Topics

Contributors are invited to submit papers on the following topics:

- Examples of Sensor Web Implementations/ Applications
- Geospatial Web of Things
- Sensor Data Analysis
- Big Sensor Data
- Event Processing
- Sensor Data Visualization
- Architectures and Standards Development
- Quality of Observations and Measurements
- Low Cost Sensing Systems
- Data Flow from Sensors to the Web
- Semantic Sensor Web and Linked Data
- GIS and Sensor Web

Program Committee

Lars Bernard	Technische Universität Dresden
Rolf de By	Universtiy of Twente (ITC)
Eric Delory	Plataforma Oceánica de Canarias (PLOCAN)
Joaquin del Rio	Universitat Politècnica Catalunya (UPC)
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Eva Klien	Fraunhofer IGD
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Jay Pearlman	IEEE
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Olav Peeters	Belgian Interregional Environment Agency (IRCEL – CELINE)
Ulrich Raape	DLR Earth Observation Center
Dick Schaap	Marine Information Service (MARIS BV)
Christoph Stasch	52°North
Christoph Waldmann	Bremen University (Marum)
Andreas Wytzisk	Bochum University of Applied Sciences

Important Deadlines

Paper submissions: April 1, 2016
Notification of acceptance: May 15, 2016
Camera-ready: July 31, 2016
Conference: August 29 – 31, 2016

More information available at:
<http://52north.org/conference>

