Geospatial Sensing Conference 2019

FROM SENSING TO UNDERSTANDING OUR WORLD

Geospatial Sensing 2019

52north
exploring horizons

Earth observation networks, e.g. in-situ sensors and remote sensing systems, deliver a multitude of data capturing the state of our environment. The data sets delivered are highly valued by scientists and other stakeholders from various domains and backgrounds such as hydrology, marine sciences, traffic management, environmental monitoring, energy supply or smart city systems. An active research and development community works on new approaches to share, manage, discover, analyse, and visualize such sensor data. The Geospatial Sensing Conference gives an overview of current developments and provides a discussion platform for scientists, developers and users.

The conference continues the series of Geospatial Sensor Webs workshops and conferences that began in 2013. This year's focus 'From Sensing to Understanding our World' includes topics on sensor data interpretation, analysis and visualization, tools and infrastructures for sharing sensor data, and novel sensor platforms. Join us to learn about, exchange ideas on and discuss new developments, emerging technologies, as well as ongoing research activities in the field of geospatial sensing.

Call for Abstracts

The 52°North Open Innovation Network invites researchers, software developers and practitioners to submit abstracts as presentation proposals.

The abstract should be 300 – 500 words and include title, authors and an outline of the presentation. Please use the conference template provided online and submit the abstract as a pdf file to geospatialsensing@52north.org by March 31, 2019.

All submissions will be reviewed by the program committee and accepted on the basis of content, available space, and overall program balance. The authors of accepted abstracts will be notified by May 31, 2019. Final abstracts will be published on the conference website.

After the conference, we plan to invite selected authors to submit an extended abstract for publication in a special issue of the International Journal of Spatial Data Infrastructures Research.

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Conference Topics

Sensors in the cloud

Sensor data sharing and integration

Event-driven architectures

Real-time sensing applications

Data mining

Sensor data analytics

Visualization

Big geospatial data

Semantics of sensors and observations

Novel sensor platforms

Sensor data on the Web

Sensor data quality

Citizen science

Smart cities

Wearable technology

Sensor data in spatial data infrastructures

Standards

Program Committee

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Thomas Usländer	Fraunhofer IOSB
Dawn Wright	Esri
Andreas Wytzisk	Bochum University of Applied Sciences

Important Deadlines

Abstract submissions	March 31, 2019
Notification of acceptance	May 31, 2019
Conference	September 2– 4, 2019

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

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**52°North Initiative for
Geospatial Open Source Software GmbH**

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