



Invitation to the Symposium on Service-Oriented Mapping 2014
“Geospatial Processing and Visualization”

Invitation:

The International Cartographic Association (ICA) and our host, the Hasso Plattner Institute at the University of Potsdam, is pleased to invite you to the Second International Symposium on Service-Oriented Mapping in Potsdam from October 6th to 8th 2014.

This symposium is co-organised by four ICA Commissions: ICA Commission on Map Production and Geobusiness, ICA Commission on GeoVisualization, ICA Commission on Maps and the Internet and the ICA Commission on Open Source Geospatial Technologies.

[\[http://somap.cartography.at\]](http://somap.cartography.at)

Focus:

Geospatial data and services are the main building blocks for geospatial infrastructures and fundamental to service-oriented mapping and realtime applications. Geospatial infrastructures make use of different paradigms: maintaining, sharing and use (instead of collect and own). Developments in these paradigms are leading to evolutions in availability and accessibility of geospatial data and services coupled with the added value of geospatial products and applications in the modern geospatial production environment. Geospatial trends are constantly growing and developing such as sensor networks, realtime processing, volunteered geographic information, open governmental data, in-situ geospatial processing and striking visualization techniques creating many new possibilities but also new restrictions and problems based on massiveness, heterogeneity and contextual flexibility. Challenges like handling big data, aggregate different sources, standards for a homogenous data, and disappearing sources/content are growing. SOMAP2014 is a venue that brings together experts from research, government, non-governmental organisations, standardization bodies and industry to present, document and discuss trends in service-based mapping, which covers delivery, processing, integration, analysis, collaboration as well as visualization of geospatial data and services.

Dates:

Abstract deadline: April 22nd 2014

Paper deadline: May 30th 2014

Author notification: June 15th 2014

Deadline of print-ready version: July 11th 2014

Registration starts with March 1st 2014

Early bird registration ends with September 1st 2014

Outreach activities

All double-blind-peer reviewed contributions will be documented in an ISBN registered book and e-book “Service-Oriented Mapping 2014” by Jobstmedia Verlag.

A selection of best ranking papers will be invited to the Springer book “Changing Paradigm in Map Production”.

Topics:

3D & 4D Geovisualization
Geospatial Infrastructures
Service-Based Processing and Analysis
Massive Geodata
Geospatial Databases
Geospatial Search
Data and Service Mining
Geospatial Interaction
Geosocial Networks
Spatio-temporal Data Management
Location Based Services
Internet Mapping
Ubiquitous and Wireless GIS
Volunteered Geographic Information and
Crowdsourcing

Open Geospatial Technologies
Advanced geospatial visualization and analysis
techniques
Methods in geospatial change management
Optimization and management of geospatial
production lanes
Geobusiness models
Mapping APIs
Geo App Development
Service-Oriented Mapping
Spatio-temporal visualization
Spatio-temporal analysis
Visual Analytics

Committee

The scientific committee is composed of many experts in the area of service-oriented mapping and the list is steadily growing. For detailed information have a look at the SOMAP 2014 website.

Organizers

ICA Commission on Map Production and Geobusiness
ICA Commission on GeoVisualization
ICA Commission on Maps and the Internet
ICA Commission on Open Source Geospatial Technologies

Contact

Symposium coordination - ICA Commission on Map Production: office@cartography.at

Supporters

Hasso Plattner Institute at the University of Potsdam
International Cartographic Association

Venue

SOMAP 2014 takes place at the Hasso Plattner Institute at the University of Potsdam, which lies close to Berlin (~15 minutes) next to the S-Bahn Berlin-Potsdam.

