FOSS4G
NOTTINGHAM 2013

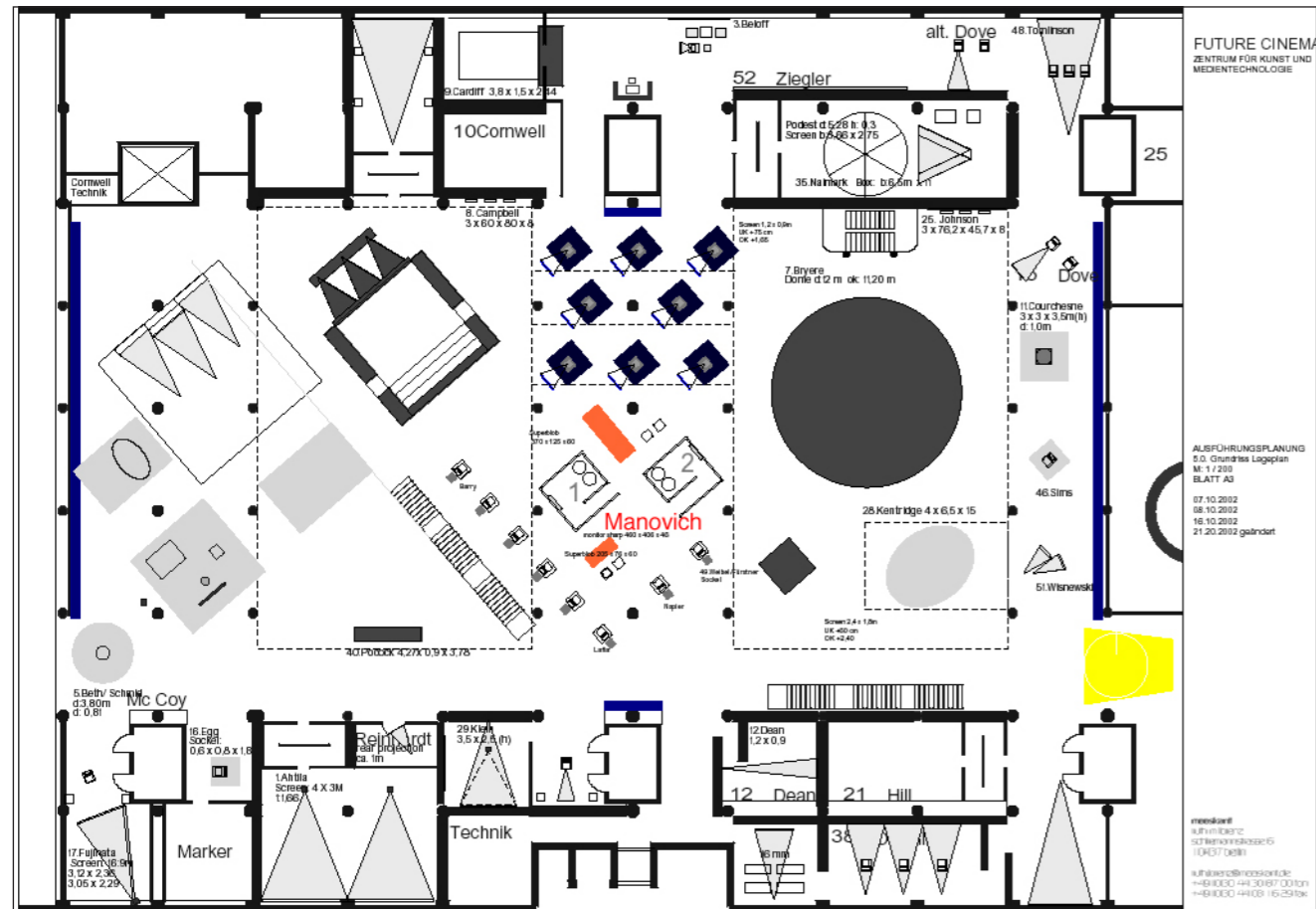## The Global Conference for Open Source Geospatial Software

The annual gathering of Open Source Geospatial Developers, Users and Leaders

East Midlands Conference Centre
Nottingham, 17th to 21st September

Conference Center site map

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Contact information

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Presentations: Thursday Sept. 19

All the New Cool Stuff in QGIS 2.0

Sept. 19, 2013, 9:30 a.m. to Sept. 17, 2013, 1:30 p.m.

Nathan Woodrow (Digital Mapping Solutions)

Tags: project qgis showcase

Theme: Development: Presentation is focused on a specific technology, demonstrating either a new product or new developments in an existing product.

User centered design for map.geo.admin.ch or how to create an usable geoportal

Sept. 19, 2013, 9:30 a.m. to Sept. 17, 2013, 1:30 p.m.

Cédric Moullet (swisstopo)

Tags: casestudy government portal sdi

Theme: Hacks and Mashes: This presentation will describe the way to make a geoportal used and useful.

A Reusable INSPIRE Reference Platform: supporting open source developments for INSPIRE implementation and reuse

Sept. 19, 2013, 9:30 a.m. to Sept. 17, 2013, 1:30 p.m.

Dr. Robin S. Smith (EC Joint Research Centre)

Tags: sdi standards

Theme: Case Studies: Presentation focused on the use case of OS technology/data, demonstrating the resilience of Open Source).

Mapping for Rights

Sept. 19 , 2013, 9:30 a.m. to Sept. 17, 2013, 1:30 p.m.

Georges Thierry Handja : Rainforest UK and Lutra Consulting (with Peter Wells) Case Study Humanitarian

Tags: casestudy humanitarian

Theme: Case Studies: Rainforest Foundation UK's participatory mapping programme allows forest communities to secure rights to the lands on which they depend, more recently with the adoption of open source GIS technologies for data storage, presentation and remote surveying.

An introduction to Open Source Geospatial

Sept. 19, 2013, 9:30 a.m. to Sept. 17, 2013, 1:30 p.m.

Arnulf Christl: OSGeo (with John Doe) Business Newbie

Theme: Newbie: This is a presentation focused on gently introducing the unitiated to the concepts of Open Source, Free Software licenses and the associated business models.

Towards an Open Source Analysis Toolbox for Street Network Comparison: Indicators, Tools and Results of a Comparison of OSM and the Official Austrian Reference Graph

Anita Graser, Markus Straub, Melitta Dragaschnig

Tags: Under the Hood OpenStreetMap Qgis Academic Track

Theme: Academic: This paper presents a novel open source toolbox for street network comparison based on the Sextante geoprocessing framework for the open source Geographic Information System Quantum GIS

(QGIS). In the spirit of open science, the tool- box enables researchers worldwide to assess the quality of street networks such as OpenStreetMap (OSM) by calculating key performance indicators commonly used in street network comparison studies. Additionally, we suggest two new perfor- mance indicators for turn restriction and one-way street comparisons specifically aimed...

Big Data in Standardization: Can This Fly?

Sept. 19, 2013, 9:30 a.m. to Sept. 17, 2013, 1:30 p.m.

Peter Baumann (Jacobs University)

Tags: bigdata standards

Theme: Data: presentations focused on data (be it capture, storage, discovery or new data models such as 3D, temporal data, big data).

We discuss standards in OGC, ISO, and INSPIRE to find out whether they support or inhibit scalable spatio-temporal services.

In geo data, a main footprint coming from Big Data stems from remote sensing, atmospheric and ocean models, and statistics data. In the strive for interoperability, standardizaiton bodies establish interface specifications for large-scale geo services. Are these standards really helpful, or do they inhibit performance? We investigate this and show both positive and negative examples, based on OGC, INSPIRE, and ISO standards relevant for scalable geo services.

pgRouting for dummies

Sept. 19, 2013, 9:30 a.m. to Sept. 17, 2013, 1:30 p.m.

Julien-Samuel Lacroix (Mapgears)

Tags: newbie underthehood

Theme: **Newbie:** You may think that adding driving directions to your webmapping application is complicated. Please stand corrected!

Boost Geometry: Introduction and examples

Sept. 19, 2013, 9:30 a.m. to Sept. 17, 2013, 1:30 p.m.

Barend Gehrels (Self-employed)

Tags: newbie underthehood

Theme: **Development:** The first part of the presentation gives an accessible introduction to Boost Geometry. The second part focuses on some algorithms in detail.

FOSS4G 2013 Timetable Thursday, 19 September 2013

Themes key:

Hacks and Mashes	Newbie	Visualization	Business Stream
Development	Academic	Case Studies	Data	Collaboration

Room	Auditorium	Banqueting	Room 3	Room 1	Room 2		Room 4	Gallery 1	Gallery 2	Gallery 3
12.15-12.45	All the New Cool Stuff in QGIS 2.0 Nathan Woodrow	User centered design for map.geo.admin.ch or how to create an usable geoportal Dr. Robin S. Smith	A Reusable INSPIRE Reference Platform: supporting open source developments for INSPIRE implementation and reuse Dr. Robin S. Smith	Mapping for Rights Georges Thierry Handja	An introduction to Open Source Geospatial Arnulf Christl		Towards an Open Source Analysis Toolbox for Street Network Comparison: Indicators, Tools and Results of a Comparison of OSM and the Official Austrian Reference Graph Anita Graser, Markus Straub, Melitta Dragaschnig	Big Data in Standardization: Can This Fly? Peter Baumann	pgRouting for dummies Julien-Samuel Lacroix	Boost.Geometry, introduction and examples Barend Gehrels
12.45-13.15	QGIS as a platform picavet	CrossLinks: seamlessly integrate geospatial fragments with other media Philippe Duchesne	Creating a Web Atlas in an SDI environment using the D3 library Barend Köbben	Realization of a web-based Fire Danger Forecasting System for Mediterranean Landscapes Michael Nolde	Painless loading of national OpenData sources John Birkett		OpenPOIs: an open source, open data index to POIs Raj Singh	STOQS: The Spatial Temporal Oceanographic Query System Mike McCann	Subsidized school transport for the shortest way to school Oliver May	Bytecode unification of geospatial computable models Jan Kolar
13.15-14.00			Create and Use INSPIRE Harmonised Geodata with HALE Silvia Franceschi	Wide Area Alerting and Notification System for Wildfires (and other nasties) Graeme McFerren (CSIR Meraka)	Open Data for Real Arnulf Christl		odvis.at - Visualization of Austrian Open Government Data Marius Schebella			
14.00			Lunch						Lunch	
14.00-14.30			Delivering high performance Spatial Data Infrastructures using FOSS4G components Mark Bishop	Epidemiology with an Open Source WebGIS platform Claudia Dolci	Mapping open data with open source software Nicolas Bozon		Things to do with OpenStreetMap Gemma BOIX XAMANI			
14.30-15.00	QGIS in the cloud Marco Hugentobler	Disconnected Geospatial Mobile & "Open Source" 5 rule to success? Pascal Coulon	MapMint: An innovative SDI authoring platform based on FOSS4G Nicolas Bozon	Building Catastrophe Models with Open Data and Open Software Chris Ewing	The Met Office Open Data journey Clare Hubbard		OSM-GB: Using Open Source Geospatial Tools to Create OSM Web Services for Great Britain Amir Pourabdollah	Introduction to Location and Linked Data John Goodwin	Shortest Path search for real road networks with pgRouting Hal Seki	Spot on Geomajas - general introduction Frank Maes
15.00-15.30	QGIS Server, QGIS Web Client and QGIS Cloud Andreas Neumann	Mobile development with OpenLayers, Sencha Touch and PhoneGap Bart van den Eijnden	Using CKAN as a catalog for geospatial data: building the next generation of geo.data.gov Adrià Mercader	Taarifa: Improving Public Service Provision in the Developing World Through a Crowd-sourced Location Based Reporting Application Mark Iliffe, Giuseppe Sollazzo, Jeremy Morley, Robert Houghton	The business case for Open Standards. Peter Controneo		MapCollaborator – Shared Data Made Easy Robert Graham	Gestural Interaction with Spatiotemporal Linked Open Data Thomas Bartoschek, Gerald Pape, Christian Kray, Jim Jones, Tomi Kauppinen	How linear referencing and dynamic segmentation can help us to model (linear) assets: a custom application for a road network. Andrés Maneiro	Geographic scripting in uDig: halfway between developer and user Andrea Antonello
15.30	MOLUSCE – An open source land use change analyst Matteo Gismondi	Web-based Participatory WebGIS with data collection on the field: a prototype architecture Marco Minghini, Maria Antonia Brovelli, Giorgio Zamboni	Building Research Data Management Infrastructure using Open Source Software Christian Willmes	Integration of collaborative geospatial data collection and versioning into open source tools for humanitarian assistance/disaster relief. David Askov	Doing business with FOSS Dirk Frigne		Virtual Coast Guard - An Open and Crowdsourced GIS Portal for Stewardship of India's Coast Alpesh Gajbe, Adya Shankar, Sudarshan Rodriguez	RAGLD Dr John Goodwin	MapRoad Pavement Management System - A Cross Platform GIS Roads Management Toolkit Seth Girvin	GDAL/OGR Project Status Frank Warmerdam

Welcome from the Conference Chair

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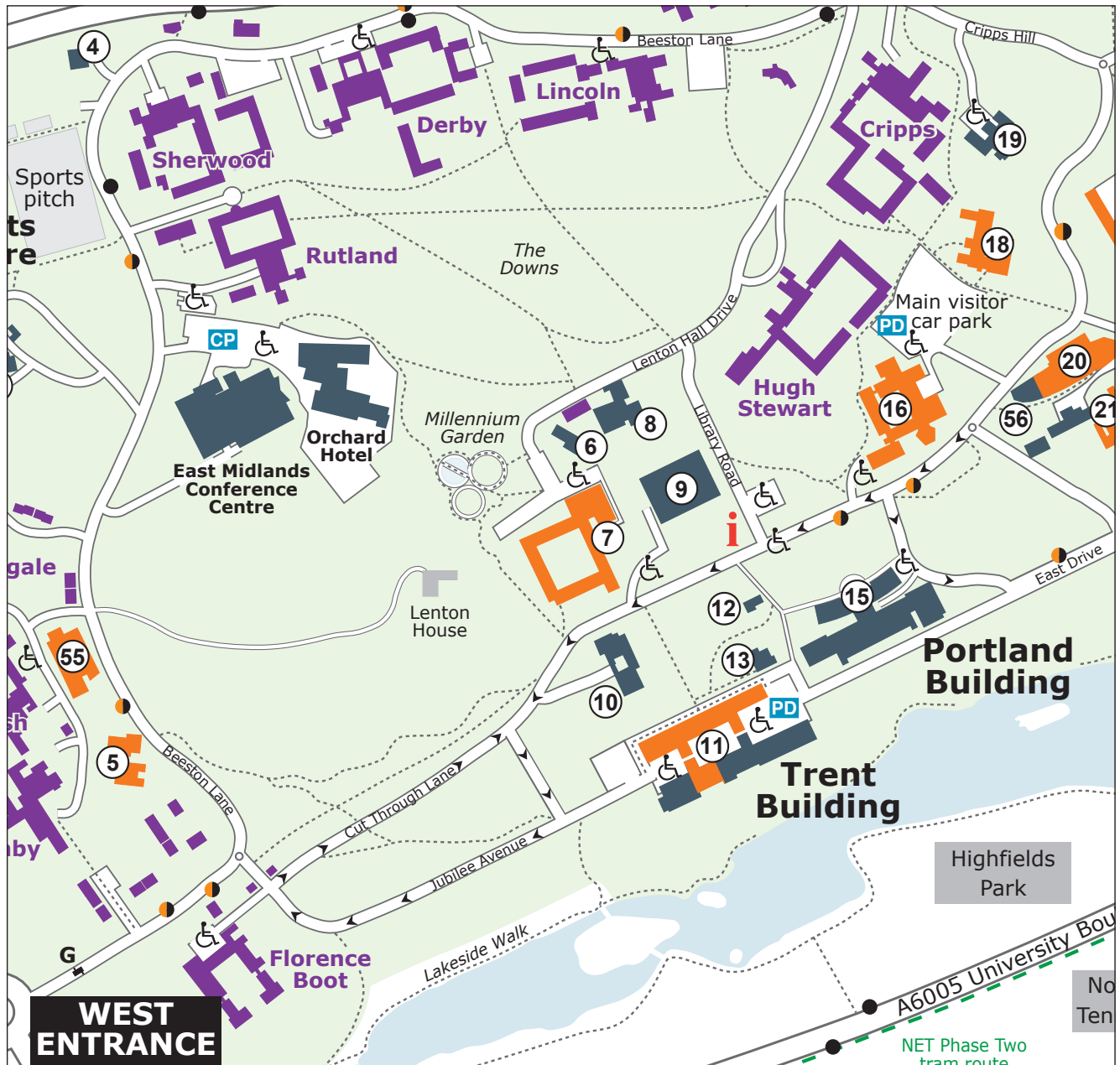
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Site Map

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