

Proposal for pre-conference workshop – AGILE 2014

Castellón, Tuesday 2 June 2014



1. Workshop name/title (and acronym if applicable)

How to build an INSPIRE compliant SDI with open source software?

2. Description of the workshop by listing topic(s), objective(s) and planned outcome(s)

2.1 Topic(s)

SDI, INSPIRE, Cloud computing, innovative solutions

2.2 Objective(s)

The workshop aims to discuss, demonstrate and test the development of an INSPIRE compliant SDI using open source components following a participatory approach (ecosystem of stakeholders). The workshop will discuss the technologies behind based on open standards, and will also provide some hands-on exercises through which the interoperability of SDI components is demonstrated and tested.

2.3 Planned outcome(s)

An outcome can be e.g. the publication of a report, a special issue of an International Journal, a white paper, a book, etc. If you already know the publisher, please provide this information as well.

The workshop will provide input to and be used to define a training package including training material. The material will be documented with metadata. The aim is also to prepare a scientific paper for an international journal in a second phase.

3. Abstract

This is how you want your workshop to be presented on the conference webpages (maximum 1000 characters)

With the INSPIRE initiative, the development of Spatial Data Infrastructures throughout

Europe got a new stimulus. Many countries, regions and individual stakeholders are contributing to the developments by building components and by sharing them with other stakeholders. There is a huge potential for new innovative companies to enter the SDI/INSPIRE market and to provide open solutions in the context of e-Governmental settings. New technologies emerge based on open standards, open source and open data using an integrated client-server architecture and cloud computing. The workshop will explore these technologies, discuss the challenges of setting-up an INSPIRE compliant SDI and demonstrate/test this with some hands-on exercises.

4. Short description of the intended length (half or full day) and the format of the workshop

Full day workshop

- Half day presentations and some demonstrations
- Hands-on exercises

5. Brief statement of the relevance of the workshop for AGILE

The development of Spatial Data Infrastructure, and of INSPIRE in particular has been of major interest to the AGILE scientific community; many technological challenges still exist in order to reach real interoperability. The workshop wants to contribute the discussion on the challenges of delivering compliant infrastructures based on innovative solutions.

6. Names and e-mail addresses of the organizing member(s)

Leading AGILE member (or sponsor) and contact person:

SADL/KU Leuven: Danny Vandenbroucke and Glenn Vancauwenberghe

Contributing AGILE members (including the persons involved) – at least one seconding AGILE member is needed:

Joint Research Centre: Robin Smith (TBC) and Sven Schade (TBC)

Contributing non-AGILE members (including the persons involved) – if applicable:

Geosparc Inc, one of the AGILE 2013 sponsors: Dirk Frigne and Frank Maes

Organizing Committee (if applicable):

NA

Programme Committee (if applicable):

NA

7. Additional information about previous workshops, if held.

NA

8. Expected resources needed

Explain here if you have any special needs (e.g. internet connection, break-out room(s), etc.), what are the expected resources needed. Please take into account that the fee for the workshop (1 day) is fixed at 50€ and this should cover the basic expenses made (coffee breaks, ...). If you need additional support, this request should be directed towards the AGILE Council, but this support cannot be guaranteed.

No specific resources needed. Connection to the Internet is needed for the participant.

Participants are expected to use their laptop for the hands-on.

9. Other information

Submission by e-mail to: agile2014@uji.es