OPENIoT

**EUROPEAN COMMISSION**

The workshop is organized by the high-profile OpenIoT project with support from the European Commission under the 7th framework programme

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**September 18, 2014**
**Radisson Blu Resort; Split**

# Workshop on
# Interoperability and Open-Source Solutions for the Internet of Things

Program committee co-chairs:
**Martin Serrano** *(INSIGHT, National University of Ireland Galway, Ireland)*
**Ivana Podnar Žarko** *(University of Zagreb Faculty of Electrical Engineering and Computing, Croatia)*

The workshop is organized by the high-profile OpenIoT project with support from the European Commission under the 7th framework programme, and will be held in conjunction with 22nd International Conference on Software, Telecommunications and Computer Networks, *SoftCOM 2014* (Split, Radisson Blue Resort, September 17-19, 2014).

## Call for Papers

The Internet of Things (IoT) can be seen as the next evolutionary step in the Internet life-cycle, with already more than 10 billion connected devices in 2013. However, to enable wide adoption and proliferation of IoT services, further development is needed in the area of interoperability and standardisation as well as the convergence of the Web and IoT standards in the M2M space, e.g., W3C SSN and OneM2M. Moreover, we are witnessing the emergence of open-source solutions targeting the IoT and cloud integration which can further drive innovation and provision of utility-driven IoT services.

This workshop aims at bringing together researchers and practitioners from industry, academia, and standardisation bodies, to showcase their practical work, exchange ideas and experiences, discuss novel solutions and future development. Workshop participants will also find common ground for collaboration in the area of interoperability for the Internet of Things.

**Topics of interest include, but are not limited to the following:**

- Architectures for the Internet of Things
- Standards and the Internet of Things
- Open-source solutions for the Internet of Things
- Standardization efforts in the M2M space
- Web of Things and semantic interoperability
- Mobility aspects of the Internet of Things
- Quality of service aspects of the Internet of Things
- Indexing, naming, and addressing the Internet of Things
- Experiences and field trials of IoT applications
- Geospatial and temporal aspects of IoT
- Environmentally sustainable IoT
- Software engineering practices and tools for the IoT
- Context awareness in the IoT
- Discovery of sensors, data streams and semantics in the IoT
- Data provenance in the IoT

Submitted papers will be reviewed by three independent experts in the field. Post-workshop proceedings will be published in the Springer-Verlag series Lecture Notes on Computer Science.

**Submission instructions:**
Authors are invited to submit original unpublished work, not currently under review by another conference, workshop or journal. Full papers are restricted to 16 camera-ready pages according to the Springer LNCS formatting style, including text, figures and references. Authors should use only standard fonts, i.e. Times Roman, Courier, Symbol, Helvetica or equivalent. Papers must be submitted electronically via the EDAS Conference Management System (https://edas.info/newPaper.php?c=17791).Choose the following track when submitting your paper: *Workshop on Interoperability and Open-Source Solutions for the Internet of Things*. Detailed instructions on paper submission via EDAS are available at the SoftCOM paper submission site.

### IMPORTANT DATES (EXTENDED)

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| Submission deadline | ~~June 10, 2014~~ | **July 6,2014 (firm)** |
| Acceptance notification | ~~July 15, 2014~~ | **August 22, 2014** |
| Final manuscript due | Sept. 5, 2014 | |
| Workshop date | Sept. 18, 2014 | |

More information about the Conference is available on the website: *http://www.fesb.hr/SoftCOM*

**Conference Secretary:** *Petar Solic, University of Split, Croatia (softcom@fesb.hr)*