



Call for Proposals and Papers

IEEE International Conference on Open Source Software Computing (OSSCOM 2015)

OSSCOM 2015 Themes

- Enabling Key OSS Technologies
- Building Cross – Cutting Sciences
- Driving Disruptive Innovations

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OSSCOM 2015 is meant to be an international forum for experts, professionals, researchers, and students to promote, share, and discuss Open-Source Software (OSS) services, resources, applications, products, and tools. Researchers and professionals from all over the world are invited to submit proposals for tutorials and workshops as well as papers in areas related to open-source software.

Speakers and delegates will represent many different categories and stakeholders from the private and public organizations, universities, and enterprises. OSSCOM 2015 will focus on the perspective of open source software adoption as alternative solutions to proprietary software and will point out how specialized OSS enterprises can be developed from within universities to integrate creativity, entrepreneurship, and competitiveness and build sustainable OSS industry. Register for the conference at: <http://osscom2015.osscom.org/>

Professionals and Industry

Professionals and researchers are invited to submit proposals for half-day tutorials and practical workshops in the field of Open Source Software. Submitted proposals should be 1-2 pages covering topics, requirements, case studies, and expected outcomes.

Scientific Focus

Researchers are invited to submit technical papers in the following topics:

Track 1: Systems Software

- ▶ Operating systems: Linux Kernel, Server and Desktop Linux: RedHat, Debian, Slackware, Caldera, SuSe, Fodera
- ▶ Distributed Operating systems: Open source platforms and software for the cloud platform as a service (PaaS), software as a service (SaaS), and infrastructure as a service (IaaS). Open stack, Open-source software in scientific computing including clouds, grids and HPCs

Important Dates

- Manuscript Submission: April 1, 2015
- Tutorials and Workshops: May 1, 2015
- Acceptance Notification: June 1, 2015
- Camera Ready: June 15, 2015
- Registration: August 15, 2015
- Conference: September 10-13, 2015

Submission Procedure

Authors should submit a four to six page manuscript, including figures, tables, and references before April 1, 2015. For proposals, authors should submit 1-2 pages before May 1, 2015.

Manuscripts shall be prepared as a Word or a PDF document following IEEE paper format. Papers should be sent to office@OSSCOM.org.

Detailed instructions about the submission process, including IEEE manuscript templates, are available on the conference website <http://osscom2015.osscom.org/>

The proceedings of the conference will be published at IEEE Xplore. Extended versions of the selected papers will be published in the International Journal of Open Source Software and Processes (IJOSSP) and the International Journal of Cloud Applications and Computing (IJCAC), published by IGI-Global, USA

Sponsors



الجامعة الألمانية الأردنية
German Jordanian University

- ▶ Embedded and Realtime Operating systems: Microkernel, uC/OS, VxWorks, pSOS, OSEK, iRMX, QNX, RTLinux
- ▶ Ubiquitous mobile computing and technologies: middleware, operating system (e.g. Android), new I/O and user interfaces, mobile protocols

Track 2: Applications and services

- ▶ Open-source software services and applications in energy, environment, education, health, climate, water, agriculture, biology, economy, medicine and other pressing global issues and problems
- ▶ Open-source software for e-Services, including e-Government, e-Libraries, e-Learning and any e*
- ▶ Open-source software for Smart Education, Smart Cities, Smart Power Grids, Smart Transportation
- ▶ Open Source applications for mobile and tablets

Track 3: Networking and security

- ▶ Open source network simulation/emulations tools
- ▶ Open source platforms for network security deployment, testing and verification.
- ▶ Network and security open source management software

Track 4: Open Source Development and Support

- ▶ Perspectives on open-source software development and services, including challenges, operation, sustainability, funding, governance, business models, and security
- ▶ National, regional and international organizations and their role in funding and supporting open-source software applications in research and education
- ▶ Collaborative projects and initiatives in research and education at national, regional and global levels
- ▶ Research and education challenges and open access paradigm
- ▶ Business models for open-source software development and services

Activities

- ▶ Sessions of scientific and industrial relevance
- ▶ Workshops on the latest frontier of technologies
- ▶ Poster sessions: a walk through scientific research and applications
- ▶ Visits to leading companies in ICT and technologies
- ▶ Networking and Gala dinner
- ▶ Social program