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Call for Proposals and Papers

2nd International Conference on Open Source Software Computing (OSSCOM 2016)

1st December 2016 - American University of Beirut

2nd – 3rd December 2016 - Lebanese University

OSSCOM 2016 Themes

- Developing OSS communities
- Supporting OSS innovations
- Building OSS capacities

General Co-Chairs

- Prof. Dr. Salem Al-Agtash, GJU - Jordan
- Prof. Dr.-Ing. Rainer Herpers, BRSU - Germany
- Dr. Walid Karam, UOB - Lebanon

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OSSCOM 2016 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 2016 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://osscom2016.osscom.org/>

For further information or inquiries, please contact us at: office@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:

- Dr. Enrique Arias, UCLM – Spain
- Dr. Mohamad Awad, IEEE - Lebanon
- Dr. Carole Bassil, UL - Lebanon
- Prof. Dr. Stefan Böhmer, BRSU - Germany
- Dr. Khalidoun El-Khalidi, NDU - Lebanon
- Dr. Ismael García-Varea, UCLM - Spain
- Dr. Marwan Gebran, NDU - Lebanon
- Dr. George Ghinea, UBRUN - UK
- Dr. Ismail Hababeh, GJU - Jordan
- Dr. Ala' Khalifeh, GJU – Jordan
- Dr. Jawad Khalife, UL - Lebanon
- Dr. Bilal Maaz, CNAM - Lebanon
- Mr. Sebastian Mancke, Tarent - Germany
- Dr. Dany Merhej, CNAM - Lebanon
- Dr. José Pascual Molina, UCLM - Spain
- Dr. Anastasia Papazafeiropoulou, UBRUN – UK

Publicity Committee

- Dr. Yaser Jararweh, JUST - Jordan
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Important Dates

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| Manuscript Submission | September 1 st , 2016, Final deadline October 1 st 2016 |
| Proposal Submission | November 1 st , 2016 |
| Acceptance Notification | November 14 th , 2016 |
| Camera Ready | November 20 th , 2016 |
| Registration | November 27 th , 2016 |
| Conference | December 1 st -3 rd , 2016 |

Submission Procedure

Authors should submit a six-page manuscript, including figures, tables, and references before October 1, 2016. For proposals, authors should submit 1-2 pages before November 1, 2016.

Manuscripts should be submitted in one of the following formats: LaTeX, PDF, Open Document, or Word. The submission Website for OSSCOM 2016 is: <https://easychair.org/conferences/?conf=osscom16>

Detailed instructions about the submission process, including IEEE manuscript templates, are available on IEEE website: http://www.ieee.org/conferences_events/conferences/publishing/templates.html

The proceedings of the conference will be submitted to 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

Partners



Track 1: Systems Software

- Operating systems: Linux Kernel, Server and Desktop Linux: RedHat, Debian, Slackware, Caldera, SuSe, Fedora
- 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
- Embedded and Realtime Operating systems
- 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

Track 5: Software Engineering

This track will bring together researchers, students and industry experts from diverse areas associated with software engineering who are utilizing, developing or even improving open source software systems during their research and experiments. Software Engineering influences all aspects of computer science research and touches every software researchers and practitioners.

There are diverse Free and open-source software that could be utilized in many fields under the umbrella of Software Engineering such as but not limited to:

- Software Process Models
- Software Process Improvement
- Software Architecture
- Component-Based Software Engineering
- Software Verification and Validation

- Model Checking
- Software Impact Analysis
- Design Patterns and Frameworks
- Model Driven Architecture
- Modeling with UML
- Reusable Software and Metrics
- Reverse Engineering, Re-engineering
- Adaptive Software
- Software Define Network
- Data Mining and Machine Learning
- Safety and Security in Critical Software

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