



OSS 2016

12th International Conference on Open Source Systems

<http://www.oss2016.org>

IFIP Working Group on Open Source Software – IFIP WG 2.13

Gothenburg, Sweden – 30 May - 02 June, 2016

CALL FOR CONTRIBUTIONS

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IMPORTANT DATES

Submissions due
4 January, 2016

Workshop proposals
4 January, 2016

Results to authors
15 February, 2016

Panels and tutorials proposals
22 February, 2016

Camera-ready copy due
07 March, 2016

Early registration
29 February, 2016

Main conference
31 May, 1 June 2016

Workshops and Tutorials
30 May, 2 June 2016

SCOPE

Free/Libre Open Source Software (FLOSS) has had a disruptive effect on the software industry and the ways that organizations and individuals create, distribute, acquire and use software and software-based services. The FLOSS movement has created new kinds of opportunities such as the emergence of new business models, knowledge exchange mechanisms, and collective development approaches. On the other hand, the movement has introduced new kinds of challenges, especially as different problem domains embrace openness as a pervasive problem solving strategy. FLOSS can be complex yet widespread and often cross-cultural. Consequently, they require an interdisciplinary understanding of their technical, economic, legal and socio-cultural dynamics.

Many organizations that have been known for developing proprietary software are now actively involved with FLOSS. FLOSS adoption continues to grow among businesses, governments, and other organizations. FLOSS remains important for educators and researchers, as well as an important aspect of e-government and information society initiatives, providing access to high-quality software and the code used to create it.

The goal of 12th International Conference on Open Source Systems, **OSS 2016** is to provide an international forum where a diverse community of professionals from academia, industry and public sector, and diverse FLOSS initiatives can come together to share research findings and practical experiences. The conference is also a forum to provide information and education to practitioners, identify directions for further research, and to be an ongoing platform for technology transfer, no matter which form of FLOSS is being pursued.

OSS 2016 accepts submissions in the following categories: **research papers**, **industry papers**, **formal tool demonstrations**, and **posters**. The page limit is 12 for full papers, 6 for short papers, industry papers, and tool demonstrations, and 2 for poster submissions. To allow for more complete and fully formatted reference lists, bibliographic references do not count toward the page limit. OSS 2016 also invites proposals for **tutorials** and **workshops**, submissions to the **doctoral consortium**, and submissions of **panels**. More information on submission guidelines is available on the conference web site: <http://www.oss2016.org>. Accepted papers will be included in the conference proceedings, which are published by **Springer**. The major conference theme is **integrating communities**.

TOPICS OF INTEREST

Integrating communities

- Challenges of building and maintaining open source communities
- Organization and interaction schemes in open source communities
- Models and classification schemes of communities
- Mining data from open source communities
- Experience reports and lessons about integrating communities

FLOSS as innovation

- Adoption/ use / acceptance of FLOSS
- Publishing / dissemination / redistribution of FLOSS systems
- Expanding scientific research and technology development methods through openness
- Adopting innovation in FLOSS projects

FLOSS practices and methods

- FLOSS and traditional / agile development methods
- FLOSS and decentralized development
- Knowledge and documentation management in FLOSS

FLOSS technologies and applications

- Security of FLOSS
- Interoperability / portability / scalability of FLOSS
- Open standards / open data / open cloud / open hardware
- Reuse in FLOSS
- Architecture and design of FLOSS
- FLOSS for entertainment
- FLOSS for education
- FLOSS in the public sector

Economic / organizational / social issues of FLOSS

- Economic analysis of FLOSS
- Business models for FLOSS
- Maturity models for FLOSS
- FLOSS intellectual property, copyrights and licensing
- Non-Governmental Organizations and FLOSS