

The 5th International SITIS 2009 conference on
Signal-Image Technology and Internet–Based Systems

**Track Open Source Software Development and Solutions
(OSSDS)**

November 29th – December 4th, 2009

Kenzi Farah Hotel

Marrakesh, Morocco

(in cooperation with IEEE, ACM Sig App.fr, IFIP TC 2 WG 2.13)

Objectives

The SITIS conference is dedicated to research on the technologies used to represent, share and process information in various forms, ranging from signal, image, and multimedia data to traditional structured data and semi-structured data found in the web. SITIS spans two inter-related research domains that increasingly play a key role in connecting systems across network centric environments to allow distributed computing and information sharing.

The focus of this track is on new software engineering method for Open Source Software development in distributed and large scaled environments, strategies for promoting, adopting, using Open Source Solutions and case studies or success stories in specific domains.

Important dates

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| • Paper Submission | • September 20th, 2009 |
| • Acceptance/Reject notification | • October 08th, 2009 |
| • Camera ready | • October 16th, 2009 |
| • Author registration due date | • October 19th, 2009 |

Software Engineering methods, users and communities interactions, software development platforms:

- Architecture and patterns for FLOSS development
- Testing and reliability of FLOSS
- Software engineering methods in distributed collaborative environments
- Licencing and other legal issues
- Documentation of FLOSS projects
- CASE tool to support FLOSS development
- Agile principles and FLOSS development
- Mining in FLOSS projects

Applications domain, case studies, success stories:

- Geospatial software, services and applications

- Bioinformatics
- FLOSS for e-government and e-administration
- FLOSS in public sector (e.g. education, healthcare,...)
- FLOSS solutions for data intensive applications
- FLOSS and SOA, middleware, applications servers
- FLOSS for critical applications
- FLOSS in Grid and P2P environments
- Tools and infrastructures for FLOSS development
- Scientific computing
- Simulation tools
- Security tools

Development and project management:

- Ecology of FLOSS development
- FLOSS stability, maintainability and scalability
- FLOSS evaluation, mining FLOSS data
- FLOSS and innovation
- Experiments, reports, field studies and empirical analysis
- FLOSS for teaching software engineering
- Revenue models
- Security concerns in using FLOSS
- Users involvement in design and development of FLOSS
- Building sustainable communities

Submission and Publication

SITIS 2009 invites submission of high quality and original papers on the topics of the major tracks described below. All submitted papers will be peer reviewed by at least two reviewers for technical merit, originality, significance and relevance to track topics. Papers must be up to 8 pages and follow IEEE double columns publication format. Prospective authors should submit their papers online at <http://www.easychair.org/conferences/?conf=sitis09>.

Accepted papers will be included in the conference proceedings published by the IEEE Computer Society and referenced in IEEE Xplore and major indexes. A selection of accepted papers will be considered for publication as a journal special issue.

Track Chairs

- [Thierry Badard](#) (University of Laval, Canada)
- [Éric Leclercq](#) (University of Bourgogne, France)

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