The 4th International SITIS 2008 conference
November 30th – December 3rd, 2008
Bali Dynasty Resort
Bali, Indonesia
(in cooperation with IEEE Signal Processing, ACM Sig App, IFIP TC 2 WG 2.13 approval pending ….)

Track Open Source Software Development and Solutions (OSSDS)

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.

SITIS 2008 aims to provide a forum for high quality presentations on research activities centered on four main tracks. This track focuses on new software engineering method for Open Source Software Development and Solution (OSSDS) in distributed and large scaled environments, strategies for promoting, adopting, using Open Source Solutions and case studies or success stories in specific domains.

SITIS is also dedicated to bring together scientists from the world over, particularly from developing countries, to share and exchange knowledge, experience and research results. When the conference is hosted by research institutions in developing countries, a particular emphasis will be placed on the presentation of applied research, the organization of practical tutorials and workshops that may help address the information processing needs of these countries, and book give away sessions to allow conference attendees to donate books to the local institutions.

Important Dates

Tutorial proposals	June 30th, 2008
Paper Submission	June 30th, 2008
Acceptance/Reject notification	August 15th, 2008
Final paper/registration	September 7th, 2008

Submission and publication

The conference will include keynote addresses, tutorials and regular and workshop sessions. SITIS 20007 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 10 pages and follow IEEE double columns publication format.

Accepted papers will be included in the conference proceedings and published IEEE Computer Society and referenced in IEEE explore and major indexes. The proceedings will be mailed by the IEEE CS press directly to registered authors after the conference. CD copies of the proceeding will be available during the conference. Selected accepted papers will be considered for publication in major journal.

<u>Track Chairs</u>

Eric Leclercq, University of Bourgogne, France
Ernesto Damiani, University of Milan, Italy
Kokou Yétongnon, University of Bourgogne, France

Topics:

- **Software Engineering methods, users and communities interactions, software development platforms**

  - Architecture and patterns for OSS development
  - Testing and reliability of OSS
  - OSS development methods in distributed collaborative environments
  - Licensing and other legal issues
  - Documentation of OSS projects
  - CASE tool to support OSS development
  - Agile principles and OSS development

- **Open Source developments, project management**

  - Ecology of OSS development
  - OSS stability, maintainability and scalability
  - OSS evaluation
  - OSS and innovation
  - Experiments, reports, field studies and empirical analysis
  - Open source for teaching software engineering / OSS and software engineering education
  - Revenue models
  - OSS and security, security implication of OSS, security concerns in using OSS

- **Applications domain, case studies, success stories**

  - Open Source and SOA strategies
  - Open Source for critical applications
  - OSS in Grid and P2P environments
  - Tools and infrastructures for OSS development
  - Bioinformatics
  - OSS solutions for data intensive applications
  - OSS in scientific computing
  - OSS simulation tools
  - Open Source security tools

Steering Committee

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Ernesto Damiani, University of Milan, Italy
Albert Dipanda, University of Bourgogne, France
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Vincent Oria, New Jersey Institute of Technology, USA
Emmanuel Tonye, University of Yaounde I, Cameroon
Kokou Yetongnon, University of Bourgogne, France

Local Committee

Co-chairs:

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I Made Wiryana, Gunadarma University, Indonesia

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To be completed …..

http://www.u-bourgogne.fr/SITIS/08/