CALL FOR PAPERS

Track on Web-Based Information Technologies & Distributed Systems (WITDS)

The Fourth International Conference on SIGNAL-IMAGE TECHNOLOGY & INTERNET-BASED SYSTEMS

In cooperation with ACM Sigapp.fr, IEEE (pending)

November 30th to December 3rd, 2008
Bali, Indonesia
http://www.u-bourgogne.fr/sitis

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 track "Web-Based Information Technologies & Distributed Systems (WITDS)" is devoted to
emerging and novel concepts, architectures and methodologies for creating an interconnected
world in which information can be exchanged easily, tasks can be processed collaboratively,
and communities of users with similarly interests can be formed while addressing security
threats
that are present more than ever before.

Topics

The main topics of interest include (but not limited to):

*Information system interoperability
-        Digital librairies
-        Semantic interoperability and semantic mediators
-        Ontologies interoperability
-        Cooperative database systems and workflow management
-        Agent-oriented architectures for database interoperability
-        Data interoperability issues in advanced applications

*Emergent semantics
-        Context-dependent semantics
-        Contextual reasoning in distributed ontologies
-        Communication in multi-agents systems
-        Emergent semantic interoperability in large-scale systems
-        Emergent semantics in content retrieval systems
-        Semantics for trust management

*Agent-based systems
-        Agents for distributed systems
-        Agent-based approaches for web applications
-        Security of systems using agents
-        Agents for grid computing solutions
-        Intelligent agents for p2p computing
-        Agent-oriented software engineering and methodologies
-        Ontologies and agent systems
-        Agents support for applications (e-commerce, e-gov, ..)

*Distributed, parallel, grid, P2P, mobile information management
-        Information sharing
-        Clusters/data grids/P2P computing and applications
-        Knowledge and semantic grid
-        Semantics of peer data management systems
-        Mobile systems and computing
-        Distributed architectures and algorithms
-        Resources allocation and management

-        Mobile data management and mobile database systems
-        Geographic data management

*Web-centric systems
-        Semantic web/web services
-        Web services and service computing
-        Web services personalization, context-aware Web services
-        Composition and integration of web services
-        Web engineering/mining/searching and crawling
-        E-commerce and e-learning

*Security and integrity issues for the web
-        Web usability and accessibility
-        Formal methods for web applications
-        Security modeling, architectures and protocols
-        Intrusion avoidance, detection, response and prevention
-        Web services security
-        Ecommerce, ebusiness and egoverment security
-        Distributed trust models
-        Digital Rights Management
-        Reputation information management

Submissions and publication

SITIS 2008 invites submission of high quality and original papers. 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.
Papers must be submitted via Easychair (http://www.easychair.org/conferences/?conf=sitis08).

Accepted papers will be included in the conference proceedings and published IEEE CSP.
Proceedings published by IEEE CSP are referenced in IEEE Xplore, EI, INSPEC and
other engineering indexes. Selected accepted papers will be considered for publication in a major journal.

Tutorial proposals should be submitted to sitis@u-bourgogne.fr.

IMPORTANT DATES

Paper Submission: Jun 30th, 2008
Acceptance/Reject notification: Aug 20th, 2008
Camera ready: Sep 08th, 2008
Author registration due date: Sep 08th, 2008
Tutorial proposals: Sep 08th, 2008

Track Chairs

Alban Gabillon, University of Polynésie Française, France
Michael Sheng, The University of Adelaide, Australia
Wathiq Mansoor, American University in Dubai, UAE

Publicity Chair

Michael Mrissa, University of Namur, Belgium

Local Committee

I Wayan Simri Wicaksana, Gunadarma University, Indonesia
I Made Wiryana, Gunadarma University, Indonesia
Eri Prasetyo, Gunadarma University, Indonesia

Program Committee

Esma Aimeur, University of Montreal, Canada

Ferda Nur Alpaslan, Middle East Technical University, Turkey

Chandrasekhar Anantaram, Tata Consultancy Services Limited, India

Frederic Andres, University of Advanced Studies, Japan

Youakim Badr, INSA Lyon, France

Aicha Nabila Benharkat, INSA Lyon, France

Djamal Benslimane, University of Lyon, France

Jawad Berri, Khalifa University of Science, Technology and Research, United Arab Emirates

Subhash Bhalla, The University of Aizu, Japan

Alexis Bonnecaze, ESIL, France

Rafik Bouaziz, Faculté des Sciences Economiques et de Gestion de Sfax, Tunisia

Mario Bravetti, Università di Bologna, Italy

Sviatoslav Braynov, University of Illinois at Springfield, USA

Patrick Capolsini, University of French Polynesia, French Polynesia

Ana R. Cavalli, Institut TELECOM/TELECOM & Management SudParis, France

Nora Cuppens, ENST Telecom Bretagne, France

Zhi-Hong Deng, Peking University, China

Csilla Farkas, University of South Carolina, USA

Jacques Fayolle, Istase, University of Saint Etienne, France

Farshad Fotouhi, Wayne State University, USA

Flavius Frasincar, Erasmus University Rotterdam, The Netherlands

Stefanos Gritzalis, University of the Aegean, Greece

William Grosky, University of Michigan-Dearborn, USA

Stephane Grumbach, Sino-French IT Lab, China

Abdelkader Hameurlain, IRIT - Paul Sabatier University, France

Wook-Shin Han, Kyungpook National University, Korea

Pedro Isaias, Universidade Aberta (Porjtuguese Open University), Portugal

Epaminondas Kapetanios, University of Westminster, UK

Peter Kelly, The University of Adelaide, Australia

Ousmane Koné, University of Toulouse, France

Abder Koukam, University of Belfort-Montbéliard, France

Jaroslaw Kozlak, AGH University of Science and Technology, Poland

Sang Ho Lee, Soongsil University, Korea

Natalia Lopez, Universidad Complutense de Madrid, Spain

Hongen Lu, La Trobe University, Australia

Zakaria Maamar, Zayed University, United Arab Emirates

Mercedes G. Merayo, Universidad Complutense de Madrid, Spain

Maria Ángeles Moraga, University of Castilla-La Mancha, Spain

Ghita Kouadri Mostéfaoui, Oxford University, UK

Michael Mrissa, University of Namur, Belgium

Manuel Núñez Garcia, Universidad Complutense de Madrid, Spain

Florent Pasquier, IUFM Paris, France

Kalpdrum Passi, Laurentian University, Canada

Olivier Perrin, Nancy University, France

Pit Pichappan, Al Imam Saud Bin University, Saudi Arabia

Ismael Rodríguez, Universidad Complutense de Madrid, Spain

Dumitru Roman, STI / University of Innsbruck, Austria

Demetrios G Sampson, University of Piraeus, Greece

Yingpeng Sang, The University of Adelaide, Australia

Aviv Segev, National Chengchi University, Taiwan

Ishwar K. Sethi, Oakland University, USA

Aixin Sun, Nanyang Technological University, Singapore

David Taniar, Monash University, Australia

Zahir Tari, RMIT University, Australia

Christelle Vangenot, EPFL, Switzerland

Jianyong Wang, Tsinghua University, China

Yinglin Wang, Shanghai Jiao Tong University, China

Muhammad Younas, Oxford Brooks University, UK

Jian Yu, Politecnico di Torino, Italy

Salim Zabir, Kyushu University, Japan

Yan Zhang, Simula Research Laboratory, Norway