

Call for Papers

THE FOURTH INTERNATIONAL CONFERENCE ON SIGNAL-IMAGE TECHNOLOGY & INTERNET-BASED SYSTEMS (SITIS' 2008)

Submission Deadline has been extended until July 15th, 2008

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 three main tracks:

- The focus of the first track “Information Management & Retrieval Technologies” (• [IMRT](#)) is on the emerging modeling, representation and retrieval techniques that take into account the amount, type and diversity of information accessible in distributed computing environment.
 - The second 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 similar interests can be formed while addressing security threats that are present more than ever before.
 - The third track titled “Signal & Image Technologies” (• [SIT](#)) focuses on recent developments in digital signal processing and pays particular attention to evolutions in audiovisual signal processing, analysis, coding and authentication, and retrieval techniques.
 - The fourth track entitled “Open Source Software Development and Solutions” (• [OSSDS](#)) focuses 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.
- 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.

Honorary Chair

Eko Sri Margianti (Gunadarma University, Indonesia)

General Chairs

- Jhony Swandi Sjam (CEO PT. Indosat Tbk., Indonesia)
- Budi Susilo Supandji (Director of Potential Defense, Security and Defense Department of Republic of Indonesia, Indonesia)

General Vice Chairs

- Yuhara Sukra (Gunadarma University, Indonesia)
- Djati Kerami (Gunadarma University, Indonesia)

Program Chairs

Information Management & Retrieval Technologies (IMRT) track

- [Vincent Oria \(New Jersey Insititute of Technology, USA\)](#)
- [Brigitte Kerhervé \(UQAM, Canada\)](#)

Web-Based Information Technologies and Distributed Systems (WITDS)

- [Alban Gabillon, University of Polynésie Française, France](#)
- [Michael Sheng, University of Adelaide, Australia](#)
- [Wathiq Mansoor \(American University in Dubai, UAE\)](#)

Signal & Image Technologies (SIT) track

- [Sebti Fofou \(Bourgogne University, France\)](#)
- [Marzuki Khalid \(Malaysian University of Technology, Malaysia\)](#)

Open Source Software Development and Solutions (OSSDS)

- [Eric Leclercq, University of Bourgogne, France](#)
- [Ernesto Damiani, University of Milan, Italy](#)
- [Kokou Yétongnon, University of Bourgogne, France](#)

- **Paper Submission (extended) July 15th**
- Acceptance/Reject notification August 15th
- Camera ready September 7th
- Author registration due date September 7th
- Conference : November 30th - December 3rd

Third IEEE International Conference on Digital Information Management (ICDIM 2008)

November 13-16, 2008 (<http://www.icdim.org>)

University of East London, London. UK

Sponsored by IEEE

Notification and Call for Papers

Following the successful earlier conferences at Bangalore (2006) and Lyon (2007), the third event is planned to get organized at London (2008). The International Conference on Digital Information Management is a multidisciplinary conference on digital information management, science and technology. The principal aim of this conference is to bring people in academia, research laboratories and industry and offer a collaborative platform to address the emerging issues and solutions in digital information science and technology. The ICDIM intends to bridge the gap between different areas of digital information management, science and technology. This forum will address a large number of themes and issues. The conference will have original research and industrial papers on the theory, design and implementation of digital information systems, as well as demonstrations, tutorials, workshops and industrial presentation.

The topics in ICDIM 2008 include but are not confined to the following areas.

Information Management
Multimedia Information Systems
Information Retrieval
Natural Language Processing
Digital Libraries
Data and Information Quality Management
Data Grids, Data and Information Quality
Database Management
Web Databases
Temporal and Spatial Databases
Data Mining
Web Mining including Web Intelligence
and Web 3.0
E-Learning, eCommerce, e-Business
and e-Government
Web Metrics and its applications
XML and other extensible languages
Semantic Web and Ontology
Human-Computer Interaction

Important Dates

Full Paper - July 15, 2008

Notification of Paper Acceptance/Rejection - August 15, 2008

Camera Ready Paper Due - October 01, 2008

Author Registration - October 01, 2008

Early Bird Attendee registration - October 31, 2008

Conference Dates - November 13-16-2008

Modified versions of the selected papers will appear in the special issues of the following peer reviewed journals.

1. Journal of Digital Information Management (JDIM)
2. Journal of Information Assurance and Security (JIAS)
3. International Journal of Computational Intelligence Research (IJ CIR)
4. International Journal of Autonomic Computing, Inderscience Publishers
5. International Journal of Computational Intelligence in Bioinformatics and Systems Biology
6. International Journal of Internet Technology and Secured Transactions (IJITST)
7. International Journal for Infonomics (IJI)
8. International Journal of Product Lifecycle Management (IJPLM)

The Second ACM Workshop on the Many Faces of Multimedia Semantics (MS'08)

in conjunction with ACM Multimedia 2008

October 31, 2008

Second Call for Papers

Vancouver, BC, Canada

<http://www.kettering.edu/orgs/wms08/>

DESCRIPTION

Information is increasingly becoming ubiquitous and all-pervasive, with the World-Wide Web as its primary repository. The rapid growth of information on the Web creates new challenges for information retrieval. Recently, there has been a growing interest in the investigation and development of the next generation web – the Semantic Web. The Semantic Web enables programs/agents to automatically understand what data is about, and therefore, bridge the, so-called, semantic gap between the ways in which users request web resources and the real needs of those users, ultimately improving the quality of web information retrieval.

Multimedia information has always been part of the Semantic Web paradigm, but requires substantial effort to integrate both domain-dependent and media-dependent knowledge. The W3C incubator group on Multimedia Semantics <http://www.w3.org/2005/Incubator/mmsem/> published deliverables on this <http://www.w3.org/2005/Incubator/mmsem/#Deliverables>, including a number of use cases http://www.w3.org/2005/Incubator/mmsem/XGR-image-annotation/#use_cases/. We believe that, in addition to trying to express a media object's hidden meaning explicitly, one should formulate ways of managing media objects so as to help people make more intelligent use of them. The relationship between users and media objects should be studied. Media objects should be interpreted relative to the particular goal or point-of-view of a particular user at a particular time.

Content-based descriptors are necessary to this process. Major search engines are in the process of rolling out A/V search capabilities. At the same time, such descriptions are definitely not sufficient. Context is also important, and should be managed. The area of emergent multimedia semantics has been initiated to study the measured interactions between users and media object, with the ultimate goal of trying to satisfy the user community by providing them with the media objects they require, based on their individual previous media interactions.

The arrival of Web 2.0 has added new paradigms to the media mix. Such concepts as a folksonomy, a form of emergent semantics, introduces a collaborative, dynamic approach to the generation of ontologies and media object semantics. That such an approach results in a stable semantics, though surprising, has been recently demonstrated.

We are accepting regular and short papers. For short papers, we encourage advanced Ph.D. students to submit.

LIST OF TOPICS

We welcome all papers relevant to topics in multimedia semantics, including those at the confluence of multimedia information management, the Semantic Web, and Web 2.0, such as,

- Multimedia ontologies
- Approaches using metadata standards such as MPEG7
- Computational semiotics
- Conceptual clustering
- Emergent semantics
- Event representation and detection
- Folksonomies
- Genre detection
- Industrial use-cases and applications
- Intelligent browsing and visualization
- Media ontology learning
- Media web mining
- Modeling and recognition of visual objects and actions
- Multimedia extraction and annotation
- Multimedia ontologies
- Multisensory data integration and fusion for decision making
- Perception and cognition
- Semantic metadata for mobile applications
- Semantics enabled multimedia applications (including search, browsing, retrieval, visualization)
- Semantics enabled networks and middleware for multimedia applications
- Semantics based search and integration of multimedia and digital content
- Semi automatic and automatic methods for multimedia annotation
- Social networking
- Spectral methods
- User interfaces

The best papers would be published in IEEE Multimedia. Also selected papers will be published in the Journal of Digital Information Management (JDIM) (<http://www.dirf.org/jdim>)

IMPORTANT DATES

July 15, 2008 — Submissions due
July 25, 2008 — Acceptance notification
August 1, 2008 — Camera-ready papers due

PROGRAM CHAIRS

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