CALL FOR PAPERS for CAiSE’11 EVENTS
The 23rd International Conference on Advanced Information Systems Engineering
(CAiSE’2011)
http://www.caise2011.com

IS Olympics: Information Systems in a diverse world
We link this year’s CAiSE conference theme with the coming Olympic and Paralympic Games, two international multi-sport events, which bring together athletes from all the continents to celebrate sporting excellence but also human diversity. Diversity is an important concept for modern information systems. Information Systems (IS) are diverse by nature and by their construction processes. Diversity is also present amongst information systems developers. Moreover, the wide acceptance of information systems and their usage in almost every aspect of the human life has also introduced diversity amongst users. It is therefore the responsibility of the Information Systems Engineering (ISE) community to engineer IS that operate in such diverse world. Looking at the issues of the modern Olympic Games, we can identify a number of issues that rapidly make their appearance in the IS area. The kind of systems that are implemented and used are varied and many. Many types of system that local (town planning, transportation, refuge collection, medical services) and national governments (accreditation, physical security systems) use also play a significant role. Moreover, the Olympic Games have a fixed starting date; everything needs to work perfectly from the first day; there is a large number of geographically distributed systems that need to be supported; requirements come from different sources (IOC, sport event specific, central administration, laws, sponsors etc). Those issues introduce a number of challenges for the ISE community related to engineering, quality and interconnectivity of IS.

Topics of interest include, but are not restricted to:
Methodologies and approaches for ISE
- Enterprise architecture and modelling
- Knowledge patterns and ontologies for ISE
- Requirements engineering
- Methodologies and Languages for Secure IS
- Business process modelling and management
- ISE approaches for adaptive and flexible IS
- Simulation
- IS in networked & virtual organizations
- Model, component, and software reuse
- Method engineering
- IS reengineering
- Quality of models and of modelling languages
- Adaptive IS engineering approaches
- Usability, trust, flexibility, interoperability
- Knowledge, information, and data quality

Innovative platforms, architectures and technologies for ISE
- Service-oriented architectures
- Innovative database technology
- Model-driven architectures
- Semantic web
- Component based development
- IS and ubiquitous technologies
- Software Agents architectures
- Adaptive and context-aware IS
- Distributed, mobile, and open architectures

Engineering of specific kinds of IS
- eGovernment
- Enterprise systems (ERP, CRM)
- Data warehousing
- Workflow systems
- Knowledge management systems
- Content management systems

Emerging Areas of IS
- IS & Digital Ecologies
- IS & Smart Buildings
- IS & Digital Devices
- IS & their Economies

Important Dates for CAISE’11 events:
February 26th, 2011: Paper submission deadline for BPMDS and EMMSAD Working conferences
March 21st, 2011: Paper submission deadline for CAISE Forum
April 4th, 2011: Paper submission deadline for CAISE Doctoral Consortium
Paper submission deadlines for the twelve associated workshops may be found at
http://www.caise2011.com/
CONFERENCE ASSOCIATED EVENTS and THEIR PUBLICATIONS

Accepted conference papers will be presented at CAiSE’2010 and published in the conference proceedings, which is published in the Springer Lecture Notes in Computer Science (LNCS).

In addition to the selected papers (usual acceptance ratio is around 13%) and outstanding keynotes which will be announced at April 2011, the CAiSE’11 program will consist on two working conferences and twelve high quality workshops.

CAiSE’11 Workshops are listed below:

- Conceptualization of Modelling Methods (CMM)
- Domain Specific Engineering (DsE)
- Internet Information Systems Pragmatics (IN2SP)
- Integration of IS Engineering Tools (INISET)
- Ontology Driven Information Systems Engineering (ODISE)
- Ontology, Models, Conceptualization and Epistemology in Social, Artificial and Natural Systems (ONTOSE)
- Semantic Search over the Web (SSW)
- Business/IT Alignment and Interoperability (BUSITAL)
- System/Software Architecture (IWSSA)
- Governance, Risk and Compliance: Applications in Information Systems (GRCIS)
- Information Systems Security Engineering (WISSE)
- Enterprise and Organizational Modeling and Simulation (EOMAS)

The proceedings of BPMDS and EMMSAD working conferences will be published in a Springer LNBIP volume, in the series of Enterprise, Business-Process and Information Systems Modeling. The proceedings of BPMDS’09 and BPMDS’10 have been published, respectively in the volumes LNBIP 29 and LNBIP 50.

Authors of the CAiSE FORUM papers will be invited to submit an extended version of their papers for the post-proceedings that will be published as a Springer LNBIP volume.

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