The 21st Conference on Advanced Information Systems Engineering

Information Systems for Business Innovation: The Next Wave

8-12 June 2009
Amsterdam, The Netherlands
Information Systems for Business Innovation: The Next Wave

This year’s special theme is "Information Systems for Business Innovation". Due to the widespread use of the web, businesses innovate their propositions to customers and come up with new ICT-enabled services. Such innovation requires understanding of the business and of technology in an integrated way. Multi-disciplinary research areas such as Service Science, Networked Enterprises, and Social Networking are paying attention to ICT and business innovation. The special events and invited speakers of CAiSE ‘09 will shed light on this theme from various perspectives.

Goal: CAiSE’09 aims to bring together researchers and practitioners in the field of information systems engineering. CAiSE’09 invites submissions on the development, maintenance, and usage of information systems – and especially submissions dealing with information systems for business innovation. The topics of interests include, but are not restricted to:

- Innovative platforms, architectures and technologies for IS engineering
  - Service-oriented architecture
  - Model-driven architecture
  - Component based development
  - Agent architecture
  - Distributed-, mobile-, and open architecture
  - Innovative database technology
  - Semantic web
  - IS and ubiquitous technologies

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

- Methodologies and approaches for IS engineering
  - Enterprise architecture and enterprise modelling
  - Requirements engineering
  - Business process modelling and management
  - Simulation
  - Agile methods
  - Model, component, and software reuse
  - IS reengineering
  - Adaptive IS engineering approaches
  - Service science
  - Knowledge patterns and ontologies for IS engineering
  - IS in networked & virtual organizations

- Quality concerns in IS engineering
  - Knowledge, information, and data quality
  - Quality of models and their languages
  - Usability, security, trust, interoperability

Types of contributions: we invite four types of original and scientific papers:

- Formal and/or technical papers describe original solutions (theoretical, methodological or conceptual) in the field of IS engineering. A technical paper should clearly describe the situation or problem tackled, the relevant state of the art, the position or solution suggested and the potential - or, even better, the evaluated - benefits of the contribution.

- Evaluation papers evaluate existing problem situations or validate proposed solutions with scientific means, i.e. by empirical studies, experiments, case studies, simulations, formal analyses, mathematical proofs, etc. Scientific reflection on problems and practices in industry also falls into this category. The topic of the evaluation presented in the paper as well as its causal or logical properties must be clearly stated. The research method must be sound and appropriate.

- Experience papers present problems or challenges encountered in practice, relate success and failure stories, or report on industrial practice. The focus is on 'what' and on lessons learned, not on an in-depth analysis of 'why'. The practice must be clearly described and its context must be given. Readers should be able to draw conclusions for their own practice.

- Exploratory Papers describe completely new research positions or approaches, in order to face to a generic situation arising because of new ICT tools or new kinds of activities or new IS challenges. They must describe precisely the situation and demonstrate how current methods, tools, ways of reasoning, or meta-models are inadequate. They must rigorously present their approach and demonstrate its pertinence and correctness to addressing the identified situation.

Submission Conditions: Papers should be submitted in PDF format. The results described must be unpublished and must not be under review elsewhere. Submissions must conform to Springer's LNCS format and should not exceed 15 pages, including all text, figures, references and appendices. Submissions not conforming to the LNCS format, exceeding 15 pages, or being obviously out of the scope of the conference, will be rejected without review. Information about the Springer LNCS format can be found at http://www.springer.de/comp/lncs/authors.html. Three to five keywords characterising the paper should be indicated at the end of the abstract.

Publication: Accepted papers will be presented at CAiSE’09 and published in the conference proceedings, which is published in the Springer Lecture Notes in Computer Science (LNCS).

Contact: For more information about submissions, please contact Jaap Gordijn at caise09@thenetworkinstitute.eu

Important Dates:

Oct 12, 2008: Tutorials & Workshops submission deadline
Nov 30, 2008: Paper submission deadline
Feb 8, 2009: Notification of acceptance
Jun 8-12, 2009: Conference & Workshops
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