Call for Papers

Theme: Creativity, Ability and Integrity in Information Systems Engineering (CAiSE)

Information systems are moving beyond traditional information management and need to organically blend into the environment, appealing to large and diverse user bases. Creativity, Ability, and Integrity are some important components not well covered.

- Creativity is becoming ever more important as Information Systems are designed in novel and unexpected ways making use of information from different sources that need to be merged and molded to become meaningful and valuable.
- Ability enables systems to be capable to deliver business in excellent, competitive and agile way.
- Integrity ensures quality in ethical codes—modifications by authorized parties, or only in authorized ways.

Success in this endeavor requires not only methods based on scientific rigor but also creating innovative solutions beyond the state-of-the-art.

Important Dates

Paper submission deadline: 8 December 2014
Tutorial submission deadline: 15 January 2015
Notification of acceptance: 10 February 2015
Conference, Workshops, and Related Events: 8-12 June 2015

Accepted papers will be published in the Springer Lecture Notes in Computer Science (LNCS) conference proceedings.

Authors selected for best papers from the conference will be invited to submit an expanded for publication in the journal Information Systems.

Located within the newly-built Digital Art Center, the theme of CAiSE 2015 will be explored by contributions in the following topics:

New Generation IS Engineering
- Context-aware and adaptive management
- Agile enterprise models and architecture
- Distributed, mobile and open architecture
- IS for collaboration
- Social computing
- High volume and complex information management
- Open data management
- Inventive quality of IS models and design

IS for idea flow
- Visualization in IS
- Intelligent, sustainable and viable IS
- Service science and innovation
- Ergonomic architectures and design

Multi-aspect IS
- Sustainability and social responsibility management
- Enterprise capability management
- Decision support
- Security and safety management
- Data and knowledge intelligence
- Workflow management
- ERP and COTS
- Content management and Semantic Web

Architectures and Platforms
- Cloud-based IS engineering
- Service oriented engineering
- Multi-agent engineering
- Multi-platform IS engineering
- Integrated architectures and virtualization

Models, Methods and Techniques in IS Engineering
- Conceptual modeling, languages and design
- Requirements engineering
- Business process modeling, analysis, and engineering
- Models and methods for evolution and reuse
- Domain engineering methods for virtual organizations
- Mining, monitoring, and predicting
- Variability and configuration matching
- Compliance and alignment handling
- Method Engineering

Domain Specific IS Engineering
- IT Governance
- eGovernment and public sector
- Intellectual heritage
- City management
- Industrial ecology management
- IS for Health-care
- Educational IS
- Value and supply chain management