CAiSE '16

28th International Conference on Advanced Information Systems Engineering

13-17 June 2016, Ljubljana, Slovenia
www.caise2016.si

University *of Ljubljana*
Faculty *of Computer and Information Science*

CALL FOR PAPERS
Information Systems for Connecting People

Information systems are developed by people and for people. The theme "Information systems for connecting people" emphasizes the wish to satisfy the needs and requirements of people, both as individuals and as parts of organizations, which are socio-technical systems.

In particular, this theme emphasizes the role of information systems in communication among individuals, organisational units, and organizations themselves. It may also imply knowledge building and knowledge sharing, all kinds of decision making, negotiating and reaching agreements, bridging differences and distances among various points-of-view, perspectives, positions and/or cultures.

Information systems that satisfy these are usually communication and cooperation-intensive systems. Examples include, on the individual side, collaborative applications and social networks, and on the organizational side, globalization and interoperability support, inter-or-ganizational processes, enterprise computing, social computing, and more. The sociality is also a new paradigm when applied to information systems. Developing such systems requires a good understanding of (i) how an individual operates, (ii) how the intentions and goals of an individual can be aligned with the organizational ones, (iii) how individual capabilities as well as limitations are represented and taken into account or alleviated in system design. Combined with state-of-the-art technology, this understanding will guide the development of next generation information systems.

We believe that those principles will challenge and question research efforts in information systems engineering during the next decade and will also nurture multi-disciplinary research. Research related to this theme can address all life-cycle phases of information systems that connect people, from human and organizational requirements to utilization of data created by such systems.

Submission Deadlines

- **Main Conference: 30 November 2015**
- **CAiSE Forum: 20 March 2016**
- **Doctoral Consortium: 20 March 2016**
- **Industry Track: 26 February 2016**
- **Tutorial Proposals: 15 January 2016**
- **Workshop Proposals: 10 November 2015**

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, big data
- Open data management
- 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

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
- Mining, monitoring, and predicting
- Variability and configuration management
- Compliance and alignment handling
- Method engineering
- Actor driven IS engineering

Architectures and Platforms in and for IS Engineering

- Cloud-based IS engineering
- Service oriented IS engineering
- Multi-agent IS engineering
- Multi-platform IS engineering
- Integrated architectures and virtualization
- Internet of services
- Internet of things

Domain Specific IS Engineering

- IT governance
- eGovernment and public sector
- Intellectual heritage
- City management
- Industrial ecology management
- IS for healthcare
- Educational IS
- Value and supply chain management
- Cyber-physical systems
- Industry 4.0

Multi-aspect IS

- Sustainability and social responsibility management
- Enterprise capability management
- Decision support
- Security and safety management
- Data and knowledge intelligence
- Organizational learning
- Creativity and innovation
- Workflow management
- ERP and COTS
- Content management and semantic Web

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