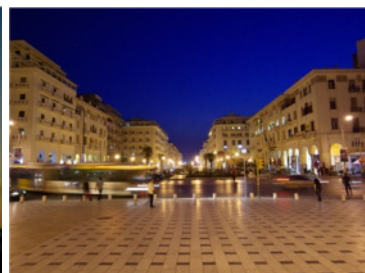




Thessaloniki, Greece, 16 - 20 June, 2014



PRELIMINARY CALL FOR PAPERS

Information Systems Engineering in Times of Crisis

Real-time information systems and overly complex financial products have been blamed as causes of recent financial crises. The IS Engineering community is treating such phenomena as challenges, to be addressed through research and improved practices. In particular, our community has begun to address the role of information systems in predicting, preventing, and reacting to crises of many different kinds: data-centric financial and fiscal dependency analysis of the globalized financial systems, resilience of critical infrastructures by information management, reaction to natural disasters such as fires, floods, earthquakes, etc. Due to the very nature of crises as unexpected events with broad and vast impact, IS Engineering challenges traditional wisdom and methodologies, as well as interactions between research and practice – including stakeholders such as crisis victims.

CAISE '14 will, as always, act as a forum of discussion that brings together researchers and practitioners in the field of IS Engineering. It will be the place to share mature research, ground-breaking ideas, and experience reports in our discipline.

CAISE welcomes all submissions that fall in the domain of information systems engineering. This year, the conference extends a special welcome to papers that address the role of IS engineering in crisis situations. Four kinds of contributions are accepted: technical papers, empirical evaluation papers, reports of experience, and exploratory papers. The CAISE topics of interest include, but are not restricted to:

Methods, techniques and tools for IS engineering

- Innovation and creativity in IS engineering
- Enterprise architecture and enterprise modelling
- Requirements engineering
- Business process modeling, analysis and management
- Requirements, models, and software reuse
- Adaptation, evolution and flexibility issues
- Domain engineering
- IS in networked & virtual organizations
- Method engineering
- Knowledge, information, and data quality
- Languages and models
- Mining, monitoring and predicting
- Variability and configuration
- Matching, compliance and alignment issues
- Conceptual design and modelling
- Security
- Service science

Innovative platforms, architectures and technologies for IS

- 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
- Adaptive and context-aware IS

Domain specific IS engineering:

- Crisis Management
- eGovernment
- Enterprise applications (ERP, COTS)
- Data warehouses and business intelligence
- Workflow systems
- Knowledge management systems
- Content management systems

Important Dates

18 October 2013:	Workshop submission deadline
09 December 2013:	Paper submission deadline
13 December 2013:	Tutorial submission deadline
17 February 2014:	Notification of acceptance
16-20 June 2014:	Conference, Workshops & Related Events

<http://delab.csd.auth.gr/caise2014/>

Author Guidelines

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.

Empirical 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 can 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 characterizing the paper should be indicated at the end of the abstract. The type of paper (technical/empirical evaluation/experience/exploratory paper) should be indicated in the submission.

Publication. Accepted papers will be presented at CAISE'14 and published in the conference proceedings, which is published in the Springer Lecture Notes in Computer Science (LNCS). Authors elected best papers from the conference will be invited to submit an expanded version for publication in the journal, Information Systems.

Venue

Thessaloniki is the second largest city of Greece, with a population of 1.000.000 people. Apart from its landmark, the White Tower, the city boasts important historical sites, museums and cultural activities. It is also known as a cosmopolitan and commercial center, with exceptional nightlife in its famous Ladadika quarter. The music scene in the city is vibrant and diverse and includes nightclubs, dance halls, discos, cafés and music bars, jazz clubs and more, along with a wealth of live performances, both musical and theatrical. In addition to important Byzantine and Archaeological museums within the city, travellers can visit the Archaeological site of Vergina (the capital of ancient Macedonia). This is the venue of Phillip's tomb (the father of Alexander the Great), a site full of remarkable treasures of art and culture. Also within a short distance (45 minutes by car) one can visit mount Olympus (the mountain of the ancient Gods) where "Dion" the holy city of ancient Macedonia is located. For these and many other reasons, Thessaloniki is the cultural capital of northern Greece! CAISE'2014 will be hosted at the MET Hotel (<http://www.themethotel.gr>), located very close to the historic center of Thessaloniki, 17 km from "Macedonia" airport. A block of rooms has been reserved for the conference registrants.

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