CALL FOR PAPERS

4th International Workshop on Modelling, Simulation, Verification and Validation of Enterprise Information Systems (MSVVEIS 2006)

May 23-24, 2006 - Paphos, Cyprus


In conjunction with the ICEIS 2006, May 23-27, http://www.iceis.org

Background & Goals:

One of the challenges of 21st century is the “Alignment of Business Processes and IT” in a large scale such as an Enterprise where different applications and systems are integrated into a larger system called Enterprise Information System (EIS). Researchers are facing two major questions when they meet and solve this challenge “what causes the gap” and “how the gap evolves.” These questions have been studied, answered, and reported in numerous publications that have found: the gap is caused by a misunderstanding of the underlying business processes; the gap originates at the business processes level, passes to the software development level and finally it further evolves at an enterprise level through the application of EIS (creating a misalignment of Business Process and IT).

However, more study is needed to ensure correct and appropriate EIS alignment with the underlying business process and the mission of the enterprise. To achieve this alignment software applications should be correct (validated and verified), and for them to be aligned with the Business Process modelling and simulation should be used through the different development stages. The aim of this workshop is to stimulate the exchange of ideas and experiences of practitioners, researchers, and engineers working in the area of modelling, simulation, verification, and validation of business processes and software in the context of EIS. We welcome papers, both theoretical and practical, from all areas related to those aspects of business processes modelling and simulation and software development and evaluation that can increase the confidence in the correctness of EIS systems, such as:

- Business process modelling & simulation
- Model checking & Testing
- Business process analysis & design
- Combination of verification systems
- Workflow modelling & simulation
- Consistency checking and data integrity
- Requirements specifications
- Large scale component-based develop.
- Modelling guidelines for practitioners
- Application integration
- Integration of modelling & specification
- Reuse of specifications and proofs
- Case studies
- Quality control and assurance
- Modelling& design
- Software architecture
- Case studies
- Quality attributes
- Modelling guidelines for practitioners
- Dependability
- Modelling for practitioners
- Deductive systems
- Reuse of specifications and proofs
- Safety critical systems
- Case studies for practitioners
- Finite-state abstr. of infinite-state systems
- Use cases
- Application integration
- Process algebra
- Formal methods
- Deductive systems
- Notation standards (UML, XML, …)
- Case studies
- Quality attributes

We aim at including papers on methods currently used in industry for EIS modelling, simulation, verification and validation as well as existing approaches in academic environments, hoping to benefit both practitioners and researchers.

Categories: Three main categories of submissions will be considered: a) regular papers, b) work in progress by Ph.D. students, and c) tool demonstrations. Please indicate clearly the category your paper is submitted to.

Submission: All submissions have to follow the procedure as follows. The length of the paper should not exceed 10 pages. Instructions for preparing the manuscript (in Word and Latex format) are available at the ICEIS web site. PDF/PS/RTF versions of the manuscript should be submitted electronically using the ICEIS web-based submission system. In addition, an email must be sent to all workshop chairs including: title and an abstract of the submitted paper, category and authors’ affiliation. Submissions not complying with the formatting guidelines will not be evaluated.

Format: The workshop will consist of oral presentations of peer-reviewed papers and invited keynote speeches. The proceedings of the workshop will be published in the form of a book by INSTICC Press. After the event, as in previous years, a collection of best papers will be recommended for a Special Issue (an Elsevier Science journal), already confirmed.

Registration: For the workshop attendance, please register at http://www.iceis.org

Chairs:

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Workshop Secretariat:
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Location:
Paphos-Cyprus, co-organized by
INSTICC, U of Cyprus, Aristotle U of Thessaloniki, Athens U of Economics and Business.