Ninth CAiSE/IFIP8.1/EUNO International Workshop on Evaluation of Modeling Methods in Systems Analysis and Design (EMMSAD'04)

Riga, Latvia 7-8 June, 2004

Deadline for paper submission: February 23

Workshop Organizers:

John Krogstie, Ph.D., SINTEF and Norwegian Institute of Science and Technology Terry Halpin, Ph.D., Northface University, USA Keng Siau, Ph.D., University of Nebraska-Lincoln, USA

Workshop Background:

The field of systems analysis and design is facing constant revolution and evolution. We witness the movement from the Structured paradigm to the Object-Oriented paradigm over the last two decades. New approaches such as agile methods and methodologies are being adapted. In addition, systems development approaches such as the Unified Modeling Language (UML) are continuously evolving. These ongoing changes are affecting the way information systems should be analyzed, designed, and developed.

This workshop focuses on evaluating and enhancing current information modeling methods and methodologies. Though the need for such studies is well recognized, there is a paucity of such research in the literature. Evaluation of modeling approaches remains a challenge in the information systems field. The objective of EMMSAD'04 is to provide a forum for researchers and practitioners interested in modeling methods and methodologies in systems analysis and design to meet, and exchange research ideas and results. It also provides the participants an opportunity to present their research papers and experience reports, and to take part in open discussions. EMMSAD'04, which is the ninth in a very successful series of EMMSAD workshops, is jointly sponsored by the Conference on Advanced Information Systems Engineering (CAiSE) the International Federation for Information Processing Working Group 8.1 (IFIP8.1) and University Network on Enterprise Modeling and Enterprise Architecture (EUNO, http://www.euno.org).

Topics of Interest:

For EMMSAD'04 we encourage the submission of research papers that provide systematic and scientific studies on existing or proposed modeling methods and methodologies. Three categories of formal evaluation techniques can be identified: theoretical (e.g., ontological evaluation, metrics analysis, psychological/cognitive analysis), empirical (e.g., experiments, action research, survey, case study), and a hybrid of the two (i.e., theoretical approach with empirical evaluations of modeling methods and methodologies related (but not limited) to:

- Agile Modeling/Extreme Modeling
- Aspect-Oriented Modeling
- Business Process Modeling and Improvement
- Component Engineering
- Data Warehousing and Data Mining
- Database Modeling and Query Languages
- Database Security and Integrity
- Database Support for Virtual Team and Mobile Collaboration
- E-Business and M-Business Models and Architectures
- Empirical Software Engineering
- Enterprise Architecture and Enterprise Governance
- Enterprise Systems and Supply Chain Integration
- Enterprise Modeling
- Heterogeneous and Distributed Databases
- Information Modeling
- Intelligent Agents and Agent-Based Applications
- Knowledge Engineering and Management
- Method Engineering and Meta-modeling
- Mobile Information Systems
- Model-driven Architecture (MDA)
- Object Oriented Methods and Methodologies
- Ontology modeling
- Requirements Engineering
- Semantic Web and Ontologies
- Supply Chain Integration
- Unified Modeling Language (UML)
- Unified Process (UP)
- User Interface Modeling
- Web Database and Web-based Information Systems
- Web Design Methods and Methodologies
- Workflow Modeling, including adaptive and emergent workflow

The workshop is particularly interested in papers related to research methodologies, and theoretical foundations for evaluating modeling methods. Evaluation of modeling methods for emerging technologies (e.g., web-based applications, electronic commerce, mobile information systems, enterprise architecture etc.) is strongly encouraged. Case studies and experience reports are also welcome.

Important Dates:

Deadline for papers (received): February 23 Notification of paper acceptance: March 26 Deadline for camera-ready copies: April 23

Submission Guidelines:

The workshop accepts full papers. The paper should not exceed 5,000 words (excluding references and appendices). The accepted papers will be published in the planned Workshop Proceedings.

Include a cover page with title of paper as well as the authors' names, affiliations, phones, faxes, and email addresses. The total number of words in the paper (excluding cover page, tables, and references) should be indicated on the cover page.

The second page should begin with the title of the paper followed by an abstract of no more than 150 words. Also include keywords chosen from the list of main topics above. The main text will follow the keywords. This is to facilitate the blind review process.

Use fonts no smaller than 11-point.

Only electronic submissions will be accepted. Email your article as an attachment to *John.Krogstie@sintef.no*. Please send electronic submissions in Microsoft Word or Adobe PDF format. PDF is the preferred format.

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Also see updates at: http://www.idi.ntnu.no/~krogstie/EMMSAD04.htm http://www.cs.rtu.lv/caise2004/W_EMMSAD.asp