

Call for Papers

Workshop

Enterprise Modelling and Information Systems Architectures
Current Research Topics and Future Perspectives

October 24-25, 2005, Klagenfurt, Austria

Subject and Topics

In recent years, a number of concepts for more versatile information systems architectures have emerged. Often, they foster the integration of applications or components along business processes. In order to take advantage of these architectures, it is required to design corresponding conceptual models. Enterprise models are especially suited for this purpose, since they allow for integrated conceptual representations of processes, information, resources, goals etc. of business firms or public organizations. They promote the design of information systems architectures that are in line with an organisation's long-term strategy and that are tightly integrated with its business processes. The workshop provides a forum for Information Systems researchers who are interested in exchanging innovative ideas and concepts in various fields of information systems architecture and enterprise modelling. Suggested topics include, but are not limited to:

- Languages and Methods for Enterprise Modelling
- Reusable Domain Models (Reference Models)
- Analysis and Design Patterns
- Modelling of Business Processes and Workflows
- Process-Oriented System Architectures
- Component-Oriented System Architectures
- Conceptual Modelling for Component-Oriented Design
- Ontologies for Enterprise Modelling
- Modelling for Enterprise Application Integration
- Modelling for Data Warehouses
- Modelling to support Knowledge Management
- Model-Driven Development
- Aspect-Oriented Design
- Agile Methods for Enterprise Modelling

The workshop is jointly organized by the GI Special Interest Group on Modelling Business Information Systems (GI-SIGMoBIS) and the GI Special Interest Group on Design Methods for Information Systems (EMISA). It takes place in conjunction with the ER'05.

Authors are invited to submit a paper, limited to 5.000 words in length, by August 8, 2005 to emisa05@uni-duisburg-essen.de. Accepted papers will be published in the GI LNI series.

Program Committee

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Important Dates

Paper Submission Deadline: Aug. 8, 2005
Notification of Acceptance: Sept. 12, 2005
Final Version due: Sept. 26, 2005
Workshop: Nov. 24-25, 2005

Location

The workshop will take place at the University of Klagenfurt, prior to the ER'05. Klagenfurt is the capital of Kärnten (Carinthia) in southern Austria. Renowned for its scenic beauty with all the lakes and mountains, Carinthia has also earned itself a name internationally for a number of high profile sports and cultural events.

GI-SIGMoBIS

Conceptual Modelling is pivotal to analysing and designing information systems that are in line with a company's long term strategy and that support efficiently its core business processes. The special Interest Group on Modelling Business Information Systems ([SIGMoBIS](#)) within the German Informatics Society (GI) is aimed at providing a forum for exchanging ideas and solutions around modelling research within Information Systems - both for researchers at universities and experts in industry.

EMISA

The GI Special Interest Group on Design Methods for Information Systems (<http://sunsite.informatik.rwth-aachen.de/Societies/GI-EMISA/>) provides a forum for researchers from various disciplines who develop and apply methods to support the analysis and design of information systems.

Further Information

For further information on the workshop see <http://www.wi-inf.uni-essen.de/emisa2005> or contact the workshop chairs: ulrich.frank@uni-duisburg-essen.de, joerg.desel@ku-eichstaett.de