

# Enterprise Modelling and Information Systems Architectures

An International Journal

## Subject

For many companies, information systems that are in line with their long term strategy and that support efficiently their core business processes are a pivotal success factor. Designing information systems is a complex task that requires the participation of various groups, e. g. system analysts, domain experts, software developers and prospective users. In order to cope with the complexity of this task, adequate abstractions are mandatory. Enterprise models make use of various abstractions of an enterprise, such as models of business processes, static information models (e. g. data or object models), system architectures or models of corporate strategies. They contribute to the development of integrated information systems and help to overcome the gap between business executives and software developers.

## Focus

The journal serves to publish results of innovative research on and interesting experience with all facets of creating, analysing and deploying enterprise models and information systems architectures. For research papers, it is required to satisfy academic standards in terms of originality, level of abstraction and justification of results. Experience reports serve to describe and analyse success stories as well as practical obstacles and resulting research challenges. Topics covered by the journal include, but are not restricted to the following subjects:

*Languages and Methods for Enterprise Modelling, e. g. Object-Oriented Modelling, Modelling of Business Processes and Workflows; Reference Models, Analysis and Design Patterns, Analysis and Evaluation of Models, Quality of Models and Languages, Process-Oriented System Architectures, Component-Oriented System Architectures, Ontologies, Modelling for Enterprise Application Integration, Model Driven Development*

Submitted papers will be reviewed within no more than two months. The review process is double blind. Guidelines for authors, including a Word template, are available on the journal's web page.

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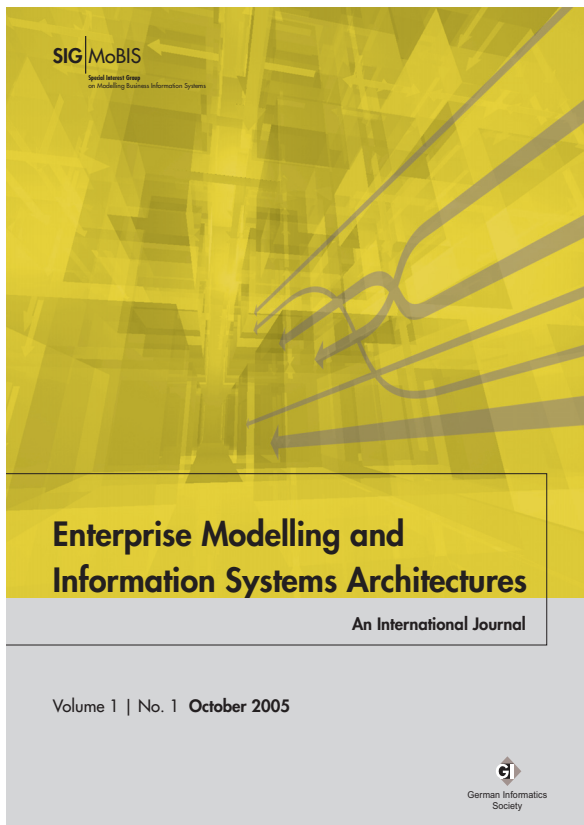
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## Mission

The Journal *Enterprise Modelling and Information Systems Architectures* is the official journal of the *Special Interest Group on Modelling Business Information Systems* within the German Informatics Society (GI SIG-MoBIS). SIG-MoBIS provides a forum to foster the exchange on theoretical and practical aspects of enterprise models. The journal is dedicated to promote the study and application of methods and languages for enterprise modelling - bridging the gap between theoretical foundations and real world requirements. While most Information Systems journals stress empirical methods, *Enterprise Modelling and Information Systems Architectures* is intended to represent an alternative for those who prefer a design-oriented approach. It is not only aimed at researchers and students in Computer Science and Information Systems, but also at information systems professionals in industry, commerce and public administration who are interested in innovative concepts.