



INTERNATIONAL CONFERENCE
MODEL & DATA
ENGINEERING



CALL FOR PAPERS
**Fourth INTERNATIONAL CONFERENCE ON MODEL &
DATA ENGINEERING**
(MEDI'2014)

24-26 September, 2014
Lordos Beach Hotel, Larnaca, Cyprus

<http://medi2014.cs.ucy.ac.cy>

Keynotes Speakers

Mukesh MOHANIA, IBM, INDIA: Data and Data models
Dominique MERY, Loria, Nancy, France: Models and system modelling

All accepted papers will be published in Lecture Notes in Computer Science (LNCS) by
Springer-Verlag.

Best papers will be invited for submission in special issues of recognized international
journals (more information on page 3).

Call for Papers

The Fourth International Conference on Model & Data Engineering (MEDI) will be held during September 24-26 September, 2014 in Larnaca, Cyprus. The main objective of the conference is to provide a forum for the dissemination of research accomplishments and to promote the interaction and collaboration of research communities issued from modelling and system modelling on the one hand and data and data modelling on the other hand. MEDI 2014 provides an international infrastructure for the presentation of research results and experimentations on models and data theory, development of advanced technologies related to models and data and their advanced applications and case studies. This international scientific event, initiated by researchers from Euro-Mediterranean countries, aims also at promoting the creation of north-south scientific networks, projects and faculty/student exchanges and of other parts of the world as well.

Aim and Scope

Specific areas of interest to MEDI'2014 include but are not limited to:

Modelling and Models Engineering

- Design of General-purpose Modelling Languages and Related Standards
- Model Driven Engineering, Modelling Languages, Meta-modelling, Model Transformation, Model Evolution
- Formal Modelling, Verification and Validation, Analysis, Testing
- Ontology Based Modelling, Role of Ontologies in Modelling Activities
- Model Manipulation and models as first objects
- Heterogeneous modelling, model integration and interoperability
- Applications and case studies

Data Engineering

- Heterogeneous data, data Integration and Interoperability
- Distributed, Parallel, Grid, Peer to Peer, Cloud Databases
- Data Warehouses and OLAP, Data Mining
- Database System Internals, Performance, Self-tuning Benchmarking and Testing
- Database Security, Personalization, Recommendation
- Web Databases, Ontology Based Databases, PDMS
- Applications and case studies

Modeling for Data Management

- New Models and Architectures for Databases and Data Warehouses
- Modeling and Quality of Data
- Modeling for Enhancing Sharing Data
- Models for Explicit and Implicit Semantics based Data Optimization
- Model Reification, Model Repositories
- Modeling Non Functional Properties of Systems
- Data as models and Models as Data
- Service based data management and service oriented applications
- Models for data Monitoring
- Urbanization of Database Applications

Applications and tooling

- Industry transfer, experiences
- Data and Model manipulation and tooling
- Modelling tools and experimentation

Conference Location

Lordos Beach Hotel, Larnaca, Cyprus
<https://www.lordosbeach.com.cy/en/>

Submission Guidelines and Instructions

Authors are invited to submit research and application papers representing original, previously unpublished work. Papers should be submitted in PDF or Word format. Submissions must conform to Springer's LNCS format and should not exceed 12 pages (including all text, figures, references and appendices). Authors who want to buy extra pages may submit a paper up to 15 pages with the indication that the authors will purchase extra pages if the paper is accepted. Submissions which do not conform to the LNCS format and/or which do exceed 12 pages (or up to 15 pages with the extra page purchase commitment) will be rejected without reviews. Submitted papers will be carefully evaluated based on originality, significance, technical soundness, and clarity of exposition. All accepted papers will be published in Lecture Notes in Computer Science (LNCS) by Springer-Verlag. Duplicate submissions are not allowed. A submission is considered to be a duplicate submission if it is submitted to other conferences/workshops/journals or it has been already accepted to be published in other conferences/workshops/journals. Duplicate submissions thus will be automatically rejected without reviews. Submissions require explicit consent from all listed authors.

Important Dates

Abstract submission: ~~April 14~~, **Extended to April 28**, 2014

Full-paper submission: ~~April 21~~, **Extended to May 9**, 2014

Acceptance notification: June 16, 2014

Camera Ready: ~~July 7~~, **Extended to July 14**, 2014

Paper Publication

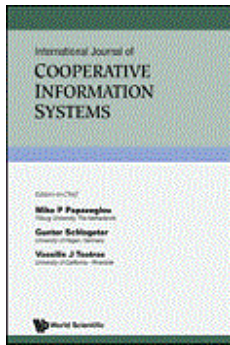
All accepted papers will be published in Lecture Notes in Computer Science (LNCS) by Springer-Verlag.

Best papers will be invited for submission in special issues of the following Journals:

Future Generation Computer Systems, Elsevier, Impact Factor: 1.864



International Journal of Cooperative Information Systems, World Scientific, Impact Factor: 0.714



FUNDAMENTA INFORMATICAЕ , IOS Press, Impact Factor: 0.399



Conference Organization

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