Call for Papers
5th International Conference on Model and Data Engineering (MEDI'2015)
September 26-28, 2015   Rhodes island, Greece
http://delab.csd.auth.gr/medi2015

ORGANIZATION

The 5th International Conference on Model & Data Engineering (MEDI) will be held from 26 to 28 September 2015 in Rhodes Island, Greece. Previous MEDI events took place at Obidos/Portugal (2011), Poitiers/France (2012), Calabria/Italy (2013), Larnaca/Cyrpus (2014). The main objective of the conference is to provide a forum for the dissemination of research accomplishments and to promote the interaction and collaboration between the models and data research communities. 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.

TOPICS

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, interoperability
- Applications and case studies

Data Engineering
- Heterogeneous data, data Integration and Interoperability
- Distributed, parallel, grid, p2p, 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
- 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 nonfunctional properties of systems
- Data as models and models as data
- Service based data management, 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

INFORMATION FOR AUTHORS

Authors are invited to submit research and application papers representing original, previously unpublished work. Papers should be submitted in PDF format. Submissions must conform to Springer's Lecture Notes in Computer Science (LNCS) format and should not exceed 14 pages. Authors who want to buy extra pages may submit a paper up to 16 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 exceed 14 pages (or 16 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 Springer LNCS series. Duplicate submissions are not allowed.

IMPORTANT DATES

Abstract submission deadline:	April 20, 2015
Full paper submission deadline:	April 27, 2015
Notification of acceptance/rejection:	June 16, 2015
Camera-ready copy due:	July 6, 2015

CONFERENCE ORGANIZATION

General Chairs
Yamine Ait Ameur, ENSEEIHT/IRIT, France
Athena Vakali, Aristotle University of Thessaloniki, Greece

Program Committee Chairs
Yannis Manolopoulos, Aristotle University of Thessaloniki, Greece
Ladjel Bellatreche, University of Poitiers, France

CONFERENCE VENUE

Set against the historic backdrop of Rhodes Island is the elegant and picturesque low-rise architecture of Aldemar Amalia Mare, an all-inclusive seaside resort. Newly refurbished luxury rooms with sea or garden views are the perfect choice for all holidaymakers, from singles to families. Dive into crystal clear swimming pools, try a wide range of watersports at the beach, chill-out at our Spa Centre with its fully equipped fitness area and sample the cosmopolitan delights of the themed restaurants.