

Call for Papers

1st International Workshop on Data Management in Virtual Engineering

DMVE '08

held in conjunction with the DEXA 2008

September 1 – 5, 2008

Turin, Italy

Virtual Engineering addresses the application of virtual development methods and tools during first phases of the product life cycle: design, engineering, simulation and analysis. Virtual Prototypes enable early stage planning and validation resulting in a drastic reduction of development times, costs, and risks. The increasing utilization of Virtual Engineering reveals those advantages but also new requirements for the underlying information, storage, and intelligent usage.

Information in Virtual Engineering exists in a great variety in terms of different models (shape models, behavior models ...), data (simulation data, product data ...) and their dependencies. Basis for a consistent data management for Virtual Engineering is schema and data integration, because the sources are heterogeneous in nature.

The purpose of this workshop will be to provide a platform for discussions about current research results, industrial applications and about the difficulties and challenges of data modeling and schema management to cover their throughout integration within the entire Virtual Engineering process.

The topics of interest include but are not limited to:

- Data Models for Virtual Engineering
- Process Modeling for Virtual Engineering
- Architectures for Data Management in Virtual Engineering (Grid, SOA ...)
- Model Driven Architectures
- Knowledge Modeling, Information Fusion
- Ontologies
- Model Management and Integration
- Meta Data Modeling and Management
- Self-Adaptation of Information Management Systems

Important dates:

- Submission of Full Papers: March 15, 2008
- Notification of Acceptance: April 20, 2008
- Camera-ready Copies and Registration of Participation: May 15, 2008

For additional information: http://www.witi.cs.uni-magdeburg.de/iti_db/workshops/DMVE08/

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- to be extended

Paper submission details:

- Authors are invited to submit original, unpublished research and application papers that are not being considered in another forum. Manuscripts will be limited to 5 two-column pages (IEEE ICDE Format) including figures and references. Please follow the IEEE Computer Society Press Proceedings Author Guidelines to prepare your papers (<http://www.computer.org/portal/site/cscps/index.jsp>). Authors of accepted papers are requested to send the full paper and copyright form to a supplied IEEE address before May 15, 2008. At least one of the authors of each paper must pay their registration fee before this date.
- The submitted manuscript should closely reflect the final paper as it will appear in the Proceedings.
- Papers will be evaluated by a minimum of three reviewers for their technical merit, originality, significance, and relevance to the workshop. At least one author of each accepted paper is required to attend the workshop and present the paper.
- Papers accepted for presentation will be published by IEEE Computer Society Press as proceedings of the DEXA'08 workshops.