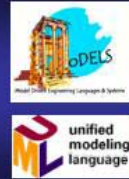




MoDELS / UML 2005

ACM / IEEE 8th International Conference on Model
Driven Engineering Languages and Systems

Half Moon Resort, Montego Bay, Jamaica October 2 – 7



MoDELS'05

(formerly the UML series of conferences)

Call for Papers

ACM / IEEE 8th International Conference on Model Driven Engineering Languages and Systems
October 2 - 7, 2005

Half Moon Resort, Montego Bay, Jamaica

<http://www.modelsconference.org/>

The growing complexity of computer-based systems has resulted in an awareness of the need to raise the level of abstraction at which such systems are developed. Model-driven development approaches and technologies, in which development is centered round the manipulation of models, address this need.

MoDELS 2005 is the premier conference devoted to the topic of model-driven engineering of software-based systems, and covers both languages and development frameworks used to create and evolve complex software systems. This conference is both an expansion and a re-direction of previous Unified Modeling Language (UML) conferences, and replaces that series of conferences for 2005 and beyond. While the UML has played a significant role in the development of software modeling approaches in both academia and industry, there is a need to address modeling issues that go beyond the use of the UML. Initiatives such as the OMG's Model Driven Architecture (MDA) and Model Integrated Computing (MIC) are a reflection of the desire to shift attention to the broader problem of providing cost-effective support for model-driven development. The MoDELS series of conferences is intended to be the premier venue for the exchange of innovative technical ideas and experience related to model-driven development of software-based systems.

MoDELS 2005 will include both scientific and experience conference papers, workshops, tutorials, a doctoral symposium, posters and a tool challenge.

See the conference website for further details.

Scientific papers: We invite scientific research papers describing innovative research on model-driven development, and innovative research on other aspects of modeling. This also includes well-designed empirical studies and innovative automation solutions and tool architectures.

Experience papers: We invite experience papers that focus on reporting project experience with model-driven development. These papers should describe the project context, detail practical lessons learned, and provide insight about how model-driven approaches technologies can be improved for application in an industrial context.

The conference tracks will include sessions on MDA, UML, MIC, and will include papers on the following topics:

- Model-driven development methodologies, approaches, and languages
- Model transformations
- Model Integrated Computing
- Unified Modeling Language: What are the next steps?
- Empirical studies of modeling and model-driven development
- Tool support for any aspect of model-driven development or model use
- Models in the development and maintenance process
- Model evaluation, formal or heuristics
- Metamodeling

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- Semantics of modeling languages
- Domain-specific and concern-oriented modeling

papers must be original, unpublished, and not submitted simultaneously for publication elsewhere.

IMPORTANT DATES

Experience and Scientific Papers

Hard deadline for abstracts: **March 21, 2005**

Hard deadline for submissions: **April 4, 2005**

Notification to authors: **June 6, 2005**

Final version of accepted papers: **July 11, 2005**

Workshop Proposals

Deadline for submissions: **May 6, 2005**

Notification of acceptance: **June 24, 2005**

Tutorial Proposals

Deadline for submissions: **June 6, 2005**

Notification of acceptance: **July 24, 2005**

Camera ready tutorial notes: **September 5, 2005**

Doctoral Symposium, Tools and Exhibits, Posters and Demos: TBA

SUBMISSIONS

Submit your manuscript electronically in Postscript or PDF using the Springer LNCS style:

<http://www.springer.de/comp/lncs/authors.html>

Submission web site: <http://sql-05.sce.carleton.ca/models2005/>

Abstract and paper submittal will be available through the web site by January, 2005.

Papers should be no longer than 15 pages in length. Papers will undergo a thorough process of review by a program committee comprising leading experts from academia and industry; however, papers that are too long may be rejected without review. Scientific proceedings will be published by Springer-Verlag in the LNCS series. All

Proposals for advanced workshops, tutorials and posters are requested. For details, see the conference website:

<http://www.modelsconference.org/>

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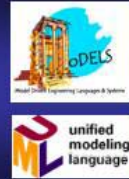
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