

# IEEE/ACM 17<sup>th</sup> International Conference on Model Driven Engineering Languages and Systems

September 28<sup>th</sup> – October 3<sup>rd</sup> 2014 Valencia, Spain



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## MODELS 2014 Invitation

MODELS (formerly the UML series of conferences) is the premier conference series for model-based software and systems engineering which since 1998 has been covering all aspects of modeling, from languages and methods to tools and applications. In 2014, MODELS will take place in Valencia, which is one of the most cosmopolitan and open cities in Europe, widely known for its superb weather, food and hospitality.

Valencia is Spain's third largest metropolitan area with facilities to accommodate visitors attracted to the city from countries all over the world each year. Valencia offers a rich cultural heritage of music, art, gastronomy, architecture and folklore. With 14 technology institutes, a broad network of infrastructures and industries, and an academic system formed by 7 universities and their business parks, Valencia also is a recognized center for education and research. We invite you to join us at this conference and to help shape the modeling methods and technologies of the future!

## Keynote Speakers:

- José Meseguer: *Why Formal Modeling Language Semantics Matters*
- Wolfgang Grieskamp: *Modeling: a practical perspective*

## Important Dates

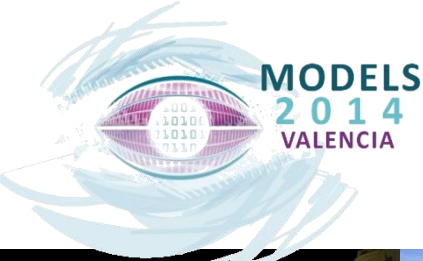
The following events are still accepting submissions:

**Submission Deadline:** July 11, 2014  
**Notification:** August 22, 2014

- Workshop Papers
- Posters
- Doctoral Symposium
- Demonstrations
- ACM Student Research Contest
- Educators Symposium

Sponsored by:





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Modeling is fundamental to all scientific and engineering endeavors and the MODELS conference series has been making its use for software and systems engineering the center of its attention since 1998. While significant advances have been made, the rapid pace of change in the way software is built and used makes it challenging to identify fundamental and enduring concepts and principles. MODELS'14 challenges the research community to **promote the magic of modeling** by solidifying and extending the foundations and successful applications of modeling in established areas such as business information and embedded systems. Moreover, MODELS'14 is particularly interested in the use of modeling for new and emerging systems, paradigms, and challenges including cyber-physical systems, cloud computing, services, social media, security, and open source. To provide a broader forum for reporting on scientific progress, as well as experiences and issues stemming from practical application of model-based methods, the conference has open calls for workshop papers, both Educators and Doctoral symposiums, posters, ACM Student Research Competition posters, and demonstrations.

## Open Calls for Workshops

The following are the workshops that are soliciting calls for a July 11, 2014 submission:

- *2nd Workshop On the Globalization of Modeling Languages (GEMOC 2014)*
- *Combining Modelling with Search- and Example-Based Approaches (CMSEBA 2014)*
- *1st International Workshop on Multi-Level Modeling (MULTI 2014)*
- *Open Source Software for Model Driven Engineering (OSS4MDE 2014)*
- *Model-Driven Development Processes and Practices (MD2P2 2014)*
- *International Workshop on Models and Evolution (ME 2014)*
- *TowArds the Model DriveN Organization (AMINO 2014)*
- *Architecture-Centric Virtual Integration with AADL (ACVI 2014)*
- *1st International Workshop on Model-Driven Engineering for Component-Based Software Systems (ModComp 2014)*
- *3rd International Workshop on Model-Driven Engineering for High Performance and CCloud computing (MDHPCL14)*
- *Extreme Modelling (XM 2014)*
- *Analysis of Model Transformations (AMT 2014)*
- *Model Based Architecting and Construction of Embedded Systems (ACESMB 2014)*
- *Workshop on OCL and Textual Modeling: Applications and Case Studies (OCL 2014)*
- *2nd International Workshop on Model-Driven Engineering on and for the Cloud (CloudMDE 2014)*
- *9th International Workshop on Models@run.time (MRT 2014)*
- *Model-Driven Engineering, Verification and Validation Integrating Verification and Validation in MDE (MoDeVVa14)*
- *Workshop on Multi-Paradigm Modeling (MPM 2014)*

## Tutorials

The following tutorials will be presented at MODELS 2014:

- *AADLv2, a Domain Specific Language for the Modeling, the Analysis and the Generation of Real-Time Embedded Systems* (F. Singhoff and J. Hugues)
- *Language Modeling Principles* (R. Laemmel)
- *Applying Model Driven Engineering Technologies in the Creation of Domain Specific Modeling Languages* (B. Trask and A. Roman)
- *Metamodeling, Model Processing and Simulation – Putting the Puzzle Pieces Together Based on Industrial Experiences* (G. Mezei, L. Lengyel, T. Mészáros and T. Vajk)
- *How to megamodel diagrammatically: theory and practice* (Z. Diskin, S. Kokaly, T. Maibaum and R. Paige)
- *Model-Driven Requirements Engineering* (J. Araújo, A. Moreira, G. Mussbacher and P. Sanchez)
- *How to run a Multi-Customer Software Engineering Capstone Course* (B. Brügge, S. Krusche and L. Alperowitz)
- *Open Modelica* (Peter Fritzson and Hans Vangeluwe)

## For more details:

For these and other participation opportunities, please visit <http://modelsconference.org>