

## Call for Papers



SIMUTools 2010 (the 3rd International Conference on Simulation Tools and Techniques) invites the submission of original, high-quality papers on simulation tools, methodologies, applications, and practices. This new edition of the conference builds upon the great success of our two previous meetings. While SIMUTools' main focus is on advances in simulation tools, we encourage the submission of papers on all aspects of simulation modeling and analysis, including broader theoretical and practical research contributions. The conference serves as a forum to foster collaborative work by bringing together researchers from academia and industry, and practitioners who develop and who use simulation technologies in a variety of areas.

General areas of interest include:

- Simulation methods: discrete event, parallel and distributed, hybrid, load balancing, partitioning, simulation-interoperation
- Simulation techniques: service-oriented, agent-based, web-based, component-based, symbiotic simulation
- Simulation tools, libraries and frameworks, including specialized tools, such as ns-2/3, OPNET, ATDI ICS, Qualnet, OMNET++, NIIST, e-cell, and other open source tools
- Modeling formalisms: DEVS, Petri Nets, process algebras, state charts, and others
- Simulation verification, validation, accreditation, and analysis: benchmark models, simulation-based verification, workflow, simulation experiment design, optimization, and simulation coercion.

The conference also focuses on applications in areas of computer networks and systems, and interdisciplinary areas. Specific topics include, but are not limited to:

- Wireless technologies (cellular, vehicular, mesh, ad hoc, wireless sensor networks)
- Network models (mobility models, traffic models, network topology)
- Overlay networks, peer-to-peer networks
- Parallel and distributed systems
- Operating systems
- Fault tolerant systems
- Embedded and real-time systems
- Human behavioral models/representations
- Security and emergency applications
- Transportation and Traffic
- Education and training
- Logistics and manufacturing
- Environmental and biological systems
- Military applications

Papers must be written in English and must not exceed 10 pages. Authors should submit papers through EasyChair in PDF format, complying with the ACM conference proceedings format. Submitted papers must not have been submitted for review or published (partially or completely) elsewhere. Every paper will be peer-reviewed by at least three different individuals. In exceptional circumstances, papers may not receive full-length reviews and may receive early rejection notice; if they are deemed out of scope, for instance. Papers will be accepted based on originality, correctness, and quality of writing. At least one author of each accepted paper must register and present the work at the conference. Short papers of 4 to 6 pages, describing work in progress, can also be submitted.

## **Sponsorship and publication**

The event is organized by ICST and CreateNet, in technical cooperation with ACM SIGSIM, ACM SIGMETRICS and SCS. The papers that are accepted and presented at the conference will appear in CD proceedings, in the ACM DL, and in EU-DL. Best papers, pending further reviews, will be considered for publication in a special issue of *Simulation: Transactions of The Society for Modeling and Simulation, International*.

## **Awards**

One Best Paper and one Best Student Paper will be selected by peer reviews and will be announced during the social event at the conference. Only papers with a student as a first authors are eligible for the Best Student Paper Award.

## **Call for Posters**



Authors are also invited to submit proposals for poster presentations. Please submit a ONE-page extended abstract in PDF format to [posters@simutools.org](mailto:posters@simutools.org). Accepted abstracts will be published in the Conference Proceedings. Participants in the Poster Session are required to register and present their poster at the conference. Poster abstracts are due by **December 10, 2009**.

## Important Dates

### Main Conference

Abstract submission deadline : ~~October 12, 2009~~ **October 26, 2009 (firm deadline)**  
Submission deadline : ~~October 19, 2009~~ **November 2, 2009 (firm deadline)**  
Poster submission deadline : **December 10, 2009**  
Tentative rebuttal period : **December 11, 2009 to January 9, 2010**  
Notification of acceptance : **January 12, 2010**  
Camera-ready deadline : **February 1, 2010**  
Conference in Malaga : **March 15-19, 2010**

### Workshops

Workshop paper submission deadline : to be decided by the workshop organizers  
Workshop papers camera-ready deadline : **January 12, 2010**  
Workshop dates in Malaga : **March 15 or 19, 2010**

### Industry Track

Full Papers Due : **November 15, 2009**  
Notification of Acceptance : **January 12, 2010**  
Camera-ready Manuscripts due : **February 1, 2010**  
Conference dates in Malaga : **March 15-19, 2010**  
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Page last modified on September 17, 2009, at 10:12 AM CEST