

CALL FOR PAPERS - PADS 2010
*** Deadline – January 8, 2010 ***
24th ACM/IEEE/SCS Workshop on
Principles of Advanced and Distributed Simulation
(PADS) 2010
<http://www.pads-workshop.org/pads2010.html>
May 17-19, 2010,
Atlanta, Georgia, USA

The Workshop on Principles of Advanced and Distributed Simulation (PADS), which is formerly called Parallel and Distributed Simulation, is soliciting papers in all aspects of simulation technology, expanding the traditional focus on parallel and distributed simulation methods and applications. Specifically, the steering and program committees look forward to high-quality paper submissions in the following areas:

- * The construction of simulation engines using advanced computer science technology.
- * Techniques for constructing scalable simulations.
- * Advanced modeling techniques that allow solution of previously difficult or impossible problem domains.
- * Simulation visualization techniques.
- * Algorithms and methods for parallel or distributed simulation, including synchronization, scheduling, memory management, and load balancing.
- * Applications of large--scale or distributed simulation methods.
- * Distributed interactive simulation and distributed virtual environments.
- * Tools and techniques for interoperability of simulations; emulations of real systems.
- * Mechanisms for efficient design of experiments.

Sponsors (approvals pending):

ACM Special Interest Group on Simulation (SIGSIM), IEEE Computer Society Technical Committee on Simulation (IEEE-TCSIM), and Society for Modeling and Simulation International (SCS).

Important Dates:

Paper manuscripts must be submitted no later than January 8, 2010. Electronic submission of postscript or PDF is highly encouraged, using the URL given below. Hard copy submissions are allowed, but six copies must be received by the program chair by the deadline. Notification of acceptance will be made by February 19, 2010. Camera ready copies must be submitted by March 23, 2010.

Submissions:

Papers must be unpublished and must not be submitted for publication elsewhere. Each submission must be accompanied by the following information: a short abstract, a complete list of authors and their affiliations, a contact person for correspondence, post and email addresses. Papers must be written in English and should not exceed 10 pages using IEEE Formatting Guidelines (the final versions of accepted papers would be limited to 8 pages, with option to buy additional pages). All submissions will be reviewed using a double-blind review process, i.e., the identity of authors and referees will not be revealed to each other. To ensure blind reviewing, authors' names and affiliations should not appear in the paper, and bibliographic references should be suitably modified.

Selected articles from PADS 2010 will be considered for extension and publication within a Special Issue of SCS Simulation.

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