



CALL FOR PAPERS - PADS'03

Workshop on Parallel and Distributed Simulation In conjunction with Federated Computing Research Conference FCRC 2003

June 10 – 13, 2003, San Diego, CA., USA

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PADS Has An Expanded Scope! The steering committee for the workshop on *Parallel and Distributed Simulation (PADS)* has approved an **expanded scope** for work published and presented in this conference. In addition to the traditional focus on parallel and distributed simulation methods and applications, the conference will now include all aspects of simulation technology. The steering and program committees look forward to a number of high-quality paper submissions in the following areas.

- The construction of simulation engines using advanced computer science technology; either sequential, parallel, or distributed in nature.
- Techniques for constructing scalable simulations that can incorporate hundreds of thousands to millions of entities. Enabling technology in either the simulation engine or model construction technology are both encouraged.
- Advanced modeling techniques that allow solution of previously difficult or impossible problem domains. These techniques should be generally applicable across a wide variety of differing problem areas.
- Simulation visualization techniques that incorporate advances in software technology or data representation.
- Algorithms and methods for parallel or distributed simulation, including synchronization, scheduling, memory management, and load balancing.
- Applications of large-scale or distributed simulation methods, such as computer architecture, computer networks, VLSI, manufacturing, and biological/social systems.
- Distributed interactive simulation and distributed virtual environments.

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

Important Dates: Send submissions to the program co-chairs no later than **December 15, 2002**. 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 co-chairs by the deadline. Notification of acceptance will be made by **March 1, 2003**. Camera ready copies must be submitted by **April 1, 2003**.

Submissions: Papers must be written in English and should not exceed 5000 words. Papers must be unpublished and must not be submitted for publication elsewhere.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. 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, bibliographic references should be modified so as not to reveal the identities of the authors.

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Conference URL: Refer to the conference web page at <http://www.pads-workshop.org/pads2003> for paper submission instructions and up-to-date information.