

ANNOUNCEMENT AND CALL FOR PAPERS
CNDS 2004

**COMMUNICATION NETWORKS AND DISTRIBUTED SYSTEMS
MODELING AND SIMULATION CONFERENCE**

Part of the 2004 Western MultiConference
Sponsored by The Society for Modeling and Simulation International

January 17-24, 2004
San Diego, California

Please Visit the Conference Web Site for Additional Information
<http://www.ece.neu.edu/conf/CNDS/2004/>

The objective of CNDS is to serve as a forum for the exchange of ideas among international researchers on advances in the design and performance analysis of communication networks and distributed systems. CNDS'04 seeks original, high quality papers that focus on simulation modeling and analysis challenges faced by researchers seeking to develop new principles or gain greater insight into the design tradeoffs and performance limitations inherent to emerging and existing networking technologies.

CNDS'04 seeks papers that emphasize simulation methodology, analysis or application. As part of our commitment to structure CNDS to facilitate collegiality and continuity of discussion among the conference speakers and attendees on the topics covered during the week each session is limited to three speakers. CNDS'04 will feature a keynote speaker (TBA) and a panel discussion. Most importantly, authors of the top papers presented at the conference shall be invited to submit extended versions of their papers for submission and possible publication in a special issue of "Simulation: Transactions of the Society for Computer Simulation and Modeling International". Finally, CNDS'04 shall incorporate both an overall *Best-Paper Award* and a *Best Student-Paper Award*.

All high quality papers relevant to the tenet of CNDS shall be considered—Papers are solicited from, but not limited to the following topics:

- Current Challenges in Network Simulation
- Methods and Applications for Network Simulators
- Modeling and Analysis of Wireless Systems including transient and steady-state behavior
- Wireless Ad Hoc Networks
- Cross-Layer Effects and Design in Wireless Networks
- Scalable Simulation of Dynamic Networks
- Mobility Modeling, Simulation and Analysis
- Traffic Modeling and Validation
- Network-Based Quality of Service
- Distributed Information Management
- Emerging Topics in Networks and Distributed Systems

IMPORTANT DATES:

November 3, 2003
December 15, 2003
January 1, 2004

Hard Submission Deadline
Acceptance Notification
Camera Ready Paper Deadline

INSTRUCTIONS FOR AUTHORS:

Submissions must be made via the proceedings management system: <http://scs.proceedingscentral.com>. Authors should note that final papers are limited to 6 single-spaced, two-column pages (including figures, tables, and references) with fees charged for overlength manuscripts. Submissions should be close to this length, however, we request that submitted papers be double-spaced using a single column and 12-point font. Include keywords, postal and e-mail addresses, and fax and phone numbers of corresponding author. Papers must be in English. For further instructions, please refer to the Upload Instructions in the Author Center of the Proceedings Central web site. Only original unpublished material will be considered.

All submissions will be fully refereed for originality, technical content, and relevance. A *minimum* of three reviews are required for each submitted paper. Reviews and the panel decisions will be available to authors through proceedings central. Instructions for submitting camera ready papers are available for download from: <http://www.scs.org>. Authors of accepted papers must register for the conference before their papers can be included in the conference proceedings.

CNDS'04 Chairs:**Prof. Taieb F. Znati**

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