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2008 International Symposium on Performance Evaluation of Computer and Telecommunication Systems

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June 16-18, 2008
Edinburgh, UK

This annual international conference is a forum for professionals involved in the performance evaluation of computer and telecommunication systems. Performance evaluation of computer systems and networks has progressed rapidly in the past decade and has begun to approach maturity. Significant progress has been made in analytic modeling, simulation and measurement approaches for performance evaluation of computer and telecommunication systems. Topics of interest include, but are not limited to:

Networking and Telecommunication Systems

- Internet Technology
Quality of Service (QoS)
DiffServ/IntServ
MPLS/CMPLS
TCP
World Wide Web (WWW) Technology
- Networking Techniques
Unicast and Multicast Routing
Congestion Admission and Control
Switching Techniques
Tele-traffic
Network Protocols
Network Management and Control
Network Capacity Planning
Network Architecture Evaluation
Service and QoS Pricing
Security and Authentication
- Broadband Networks
High-Speed Networking
Optical Networks
- Wireless Systems and Networks
Satellite Systems
UMTS
Mobile Networks/Computing
Ad-hoc Networks
Sensor Networks
- Multimedia Communications and Applications

Computer Systems

- Distributed Architecture
Client/Server
Distributed Systems and Agents
Parallel and Distributed Computing
Massively Parallel Systems
Cluster Computing
Grid computing
Interconnection Networks
- Computer Architectures
Microprocessors/Microcomputers
Memory Systems
High Performance I/O
Real Time Systems
Scheduling Schemes
- Software
Software Performance, Evaluation, and Testing
Parallel Algorithms and Languages
- Electronic Commerce
- Hardware and Software Monitors
- High Performance computing
- Information Assurance
- Reconfigurable Computing
- Scientific Computing Algorithms
- Workload and Traffic Characterization

Tools, Methodologies, and Applications

- Parallel and Distributed Simulation
- Verification and Validation
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- Performance Optimization, Bounds, and Models
- Queuing Systems and Networks
- Scalability Studies
- Integrated Modeling and Measurement
- On-Line Performance Adaptation and Tuning
- Process Algebra Based Models
- Mathematical Aspects and Integrated Design of Performance
- Case Studies

Paper Submission

Please submit your complete papers electronically to: <http://www.softconf.com/scs/SPECTS08/>. Instructions for authors will be posted on the paper submission web site. Submissions should not exceed 8 two-column, 8.5x11 inch pages (including figures, tables, and references) in 10 point fonts. Please include 5-10 keywords, complete postal and e-mail address, and fax and phone numbers of the corresponding author. If you have difficulties with electronic submission, please contact Technical Program Co-Chairs or the Local Arrangement Chair.

Extended Versions of Selected Accepted Papers in SPECTS 2008 will be considered for Possible Publication in Scholarly Journals.

Proposals for 1.5 hour tutorials and special sessions should be sent to Tutorials and Special Sessions Chair. Tutorial abstracts along with keynote speeches' abstracts will be included in the proceedings of the conference.

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Deadlines

- Special sessions proposals December 7, 2007
- Submission of papers and tutorials proposals February 25, 2008
- Notification of acceptance April 21, 2008
- Submission of camera-ready papers May 5, 2008