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# SPECTS 2009

## 2009 International Symposium on Performance Evaluation of Computer and Telecommunication Systems

<http://atc.udg.edu/SPECTS2009/>

July 13-16, 2009  
Istanbul, Turkey

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/GMPLS  
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
- Neural Networks and Fuzzy Logic Applications
- 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/SPECTS09/>  
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 2009 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 .....February 23, 2009
- Submission of papers and tutorials proposals .....April 15, 2009
- Notification of acceptance ..... May 20, 2009
- Submission of camera-ready papers ..... June 6, 2009