Call for Papers

SPECTS 2013

2013 International Symposium on Performance Evaluation of Computer and Telecommunication Systems

http://atc.udg.edu/SPECTS2013/

July 7-10th, 2013
Toronto, Canada

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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 and Actuator Networks
• 3G/4G Networks
• Delay Tolerant/Opportunistic Networks
• P2P for Mobile Ad Hoc Networks
• Service Overlay Networks
• Agile-All Photonic Networks

Multimedia Systems, Communications and Applications

Green Networking and Communication Systems
• Security and privacy on green information & communication systems
• Innovative applications of green communications, networking, and computing

Computer Systems

Distributed Architecture
• Client/Server
• Distributed Systems and Agents
• Parallel and Distributed Computing
• Massively Parallel Systems
• Cluster Computing/Grid computing
• Interconnection Networks
• Resource Management & Allocations
• Power Saving Architectures and Protocols for Wireless Hotspots

Computer Architectures
• Microprocessors/Microcomputers
• Memory Systems
• High Performance I/O
• Real Time Systems/Scheduling Schemes

Software
Software Performance, Evaluation, and Testing; Software Reliability Engineering; Formal Methods; Verification and Validation; Parallel Algorithms and Languages.

Electronic Commerce

Hardware and Software Monitors

High Performance computing

Security and Information Assurance
Security protocols; Anonymity and Privacy; Electronic Voting; Access Control; Digital Rights Management; Intrusion Detection; Trust Management; Security for Mobile Computing; Database Security; Executable Contents; Formal Methods for Security; Cryptography.

Reconfigurable Computing

Soft Computing

Scientific Computing Algorithms

Workload and Traffic Characterization

Green Computing and Computers

Tools, Methodologies, and Applications

Content Delivery

Modeling

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/SPECTS13/ Instructions for authors will be posted on the paper submission website. 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 2013 will be considered for Possible Publication in Scholarly Journals. Also, papers accepted in SPECTS 2013 will submitted to the IEEE Xplore database after the conference.

Proposals for 1.5 hour tutorials and special sessions should be sent to the 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	**Extended until April 7th, 2013**
Submission of full papers and tutorials proposals	**Extended until April 7th, 2013**
Notification of acceptance	**May 6th, 2013**
Submission of camera-ready papers	**May 17th, 2013**