CALL FOR PAPERS
ICCCN 2008: 17TH INTERNATIONAL CONFERENCE ON COMPUTER COMMUNICATIONS AND NETWORKS
http://www.icccn.org/icccn08/
August 4-7 2008
Frenchman's Reef & Morning Star Marriott Beach Resort St. Thomas, US Virgin Islands, USA
Sponsor: Technical Co-Sponsorship by IEEE Comsoc

Network Algorithms and Performance Evaluation Track

Network algorithms are crucial components of computer networks. The design of network algorithms has fundamental implications on usability, efficiency, robustness, and security of the resulting networking system. At the same time, analytical, measurement, and simulation based evaluations play a vital role in understanding the behavior, performance, and systematic development of large-scale computer networks.

This symposium invites original papers on recent advances in network algorithms and performance evaluation. It aims to foster interaction and exchange new ideas by bringing together researchers and practitioners interested in network algorithms and performance evaluation. The technical program of the symposium consists of regular papers and posters. We solicit original and unpublished research work in various aspects of network algorithms and performance evaluation, including, but not limited to, the following topics:

- Routing Algorithms
- Packet Classification Algorithms
- Network Management
- Analytical, Measurement, and Simulation Techniques
- Congestion Control Algorithms
- Admission Control Algorithms
- Quality of Services
- Peer-to-Peer and Overlay Networks
- Metropolitan Area Networks
- Secure Network Protocols
- Implementation and Evaluation of Real Networking Systems
- Packet Scheduling and Buffer Management
- IP Address Lookup Algorithms
- Novel Router/Switch Architectures
- Traffic Modeling, Engineering and Control
- Network Measurement and Characterization
- Measurement Tools
- Network Reliability, Dependability and Security
- Network Processors

Submission of Manuscripts: Please follow the general submission instructions on the conference website.

Important dates:

Paper submission: March 9, 2008 (FIRM)

Notification of acceptance: May 12, 2008

Camera ready papers due: June 1, 2008
Track Co-Chairs:

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Track Technical Program Committee:

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Khaled Boussetta  University of Paris
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Zhenhai Duan  Florida State University
Hao Gong  Huawei Technologies Co., Ltd
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Helen Karatza  Aristotle University of Thessaloniki
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Kenji Leibnitz  Osaka University
Xiang-Yang Li  Illinois Institute of Technology
Giuseppe Lo Re  University of Palermo
Anirban Mahanti  Indian Institute of Technology, Delhi
Patrick Maillé  TELECOM Bretagne
Jim Martin  Clemson University
Xavier Masip-Bruin  Technical University of Catalonia (UPC)
Jogesh K. Muppala  Dept. of Computer Science, HKUST
Hiroyuki Ohsaki  Osaka University
Liansheng Tan  The Australian National University
Jianxin Wang  Central South University
Jennifer Wong  Stony Brook University
Liudong Xing  University of Massachusetts Dartmouth
Chi Zhang  Juniper Networks