

CALL FOR PAPERS

ICCCN 2008: 17TH INTERNATIONAL CONFERENCE ON COMPUTERCOMMUNICATIONS 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 We solicit original and unpublished research work in various aspects of network algorithms and performance evaluation, including, but not limited to, the following topics: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:

Zhenhai Duan duan[at]cs.fsu.edu

Kartik Gopalan kartik[at]cs.binghamton.edu

Track Technical Program Committee:

Nael Abu-Ghazaleh	State University of New York, Binghamton
Pavan Balaji	Argonne National Laboratory
Khaled Boussetta	University of Paris
Adrian Conway	Verizon Laboratories
H.K. Dai	Oklahoma State University
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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