

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

Optical Networking Track

Advances in optical technology combined with growing bandwidth demands and new applications have led to the increased deployment of optical networks while also creating new challenges for researchers. Continued advances in optical networks are necessary for supporting the increasing needs and requirements of emerging applications and users. The symposium will provide a forum for researchers to present and discuss current issues and ideas related to optical networking. The technical program of the symposium will consist of regular papers and posters. We solicit original and unpublished research in all aspects optical networks, including, but not limited to, the following topics:

- Wavelength division multiplexing (WDM)
- Optical access, metro, and backbone networks
- Broadcast, multicast, manycast, and anycast
- Traffic grooming and traffic engineering
- Optical virtual private networks
- Equipment architecture and performance
- IP-WDM integration
- Network modeling and design
- Network performance evaluation
- Network survivability
- SONET/SDH network and protocols
- Optical network testbeds
- Optical circuit, burst and packet switching
- WDM passive optical networks
- Support of advanced applications
- Network control and management
- Multilayer network architectures
- Multi-domain issues in optical networks
- System modeling and performance evaluation
- Optical ethernet
- Hybrid time and wavelength multiplexing
- SAN extensions over DWDM/SONET/SDH
- IP-over-optical cross-layer design
- TCP over optical networks
- GRID over optical networks

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: Jason P. Jue, University of Texas at Dallas
Srinivasan Ramasubramanian, University of Arizona

Track Technical Program Committee:

Vishal Anand, State University of New York at Brockport
Srivatsan Balasubramanian, Iowa State University
Driss Benhaddou, University of Houston
Isabella Cerutti, Scuola Superiore Sant'Anna
Wang-Rong Chang, National Cheng Kung University
Farid Farahmand, Central Connecticut State University
Mario Freire, University of Beira Interior
Nuno Garcia, Siemens / University of Beira Interior
Qianping Gu, Simon Fraser University
Arunita Jaekel, University of Windsor
Sethuraman Janardhanan, Glocaledge
Tao Li, University of Virginia
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Hui-Tang Lin, National Cheng Kung University
Paulo Monteiro, Universidade de Aveiro
Kimio Oguchi, Seikei University
Jumpot Phuritakul, National Institute of Information and Communications Technology
Joel Rodrigues, University of Beira Interior
Lu Ruan, Iowa State University
Arun Somani, Iowa State University
Vinod Vokkarane, University of Massachusetts Dartmouth
Bin Wang, Wright State University
Chunsheng Xin, Norfolk State University
Qiong Zhang, Arizona State University