

## 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

Sponsors: Technical Co-Sponsorship by IEEE Comsoc (pending)

### **Communication and Information Theory Track**

The rapid development of modern communication networks has given rise to new interesting and challenging problems. The fundamental limits of communication in such networks are different from those typically encountered in traditional systems. New theoretical tools and concepts need to be developed, to identify these fundamental performance limits. Effective and practical methods should be developed as well, to design a network which provides a reasonable performance and meets the existing real-world constraints.

The symposium focuses on recent advances in the analysis and design of computer and communication networks, within the context of communication and information theory. The goal is to explore the common grounds between networking and communication/information theory, and to provide a forum for researchers to exchange novel ideas. The technical program of the symposium consists of regular papers and posters. We solicit original and unpublished research achievements in various aspects of communication and information theory, including, but not limit to, the following topics:

1. Adaptive Modulation and Coding
2. Channel Capacity
3. Coding Theory and Practice
4. Cooperative Communication
5. Cryptography
6. Feedback in Communication Systems
7. Game Theoretical Approaches
8. MIMO and Multi-antenna Communication
9. Multiuser Communication
10. Network Coding and Information Theory
11. OFDM and Multi-carrier Communication
12. Source Coding and Compression
13. Space-Time Coding
14. Ultra-wideband Communication

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

<b>Important dates:</b>	Paper submission:	<b>February 17, 2008</b>
	Notification of acceptance:	May 12, 2008
	Camera ready papers due:	June 1, 2008

**Track Co-Chairs:** A. Abdi (New Jersey Institute of Technology) and Guosen Yue (NEC Labs)

#### **Track Technical Program Committee:**

Prof. Masoud Ardakani  
University of Alberta, Canada

Prof. Sae-Young Chung  
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