

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

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 We solicit original and unpublished research achievements in various aspects of communication and information theory, including, but not limit to, the following topics:

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

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: 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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