



2005 International Symposium on Communications

November 20-22, 2005

Ambassador Hotel, Kaohsiung, Taiwan

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The 8th biennial International Symposium on Communications (ISCOM 2005) will be held in Ambassador Hotel, Kaohsiung, Taiwan, from November 20 to 22, 2005. The conference is aimed to provide a forum for discussing recent developments and applications in state-of-the-art communication technologies for engineers and researchers engaged in the related fields. Reflecting the new trends and rapid progress, authors worldwide are invited to submit original and previously unpublished contributions. The conference will feature oral and poster presentations. Panel discussions and invited speakers will focus on future trends in areas of interest to the conference. An exhibition will also be organized for major industrial companies and research organizations.

TOPICS

Prospective authors are invited to submit their papers in the following (but not limited to) areas:

1. Communication Systems

- 1.1 Communication theory
- 1.2 Information and coding theory
- 1.3 Communication SoC
- 1.4 Next generation wireless systems
- 1.5 Software defined radio
- 1.6 Satellite communications
- 1.7 Optical communications

2. Signal Processing

- 2.1 Signal processing for communications
- 2.2 Statistical signal processing
- 2.3 Signal processing ICs
- 2.4 Digital signal processors
- 2.5 Multimedia signal processing
- 2.6 Space-time processing
- 2.7 Spectrum estimation

3. Networks

- 3.1 Broadband internet
- 3.2 Wireless networking
- 3.3 Network security
- 3.4 Network management and control
- 3.5 New multimedia technology
- 3.6 Ad-hoc and sensor networks

4. RF, Microwave, Electromagnetics, and Optics

- 4.1 RF/Microwave components and circuits
- 4.2 Wireless and optical devices and ICs
- 4.3 Antennas and wave propagation
- 4.4 Instrumentation/measurement techniques
- 4.5 Computational Electromagnetics

5. Emerging Technologies in Communication Systems

Technical FULL paper for this symposium must be submitted via the ISCOM 2005 website. Please visit the conference website <http://www.ee.nsysu.edu.tw/ISCOM2005> for detailed guidelines on manuscript preparation and submission. Submission of a paper to ISCOM 2005 implies that at least one of the authors must be full registered upon acceptance of the designated paper. All accepted papers will be published in the ISCOM 2005 Proceedings.

Prospective special session organizers are invited to submit proposals to the conference Special Session Chair, Professor Chin-Der Wann (cdw2005@ee.nsysu.edu.tw). Each proposal should include a summary, an outline, and a brief biography of the organizer.

IMPORTANT DATES

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| June 30, 2005 | Submission of camera-ready manuscripts |
| August 31, 2005 | Notification of acceptance |
| September 30, 2005 | Presenter's registration deadline |

Organizer: Dept. of Electrical Engineering and Institute of Communications Engineering,
National Sun Yat-Sen University, Taiwan