

# ACT 2008 First Announcement and Call for Papers



## 2008 International Conference on Advanced Technologies for Communication

6-9 October 2008, Hanoi, Vietnam



ATC 2008

"Toward a Flat World of Communications"

<http://www.atc08.org>

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## First Announcement and CALL FOR PAPERS

IEEE Communications Society and the Radio and Electronics Association of Vietnam (REV, the main research tribune in electronics and communications in Vietnam) together offer scientists and engineers worldwide an exciting international forum in communications and related fields by co-organizing the first International Conference on Advanced Technologies for Communications (ATC'08) in Hanoi, Vietnam, during 6-9 October 2008. The conference is hosted by the College of Technology of the Vietnam National University, Hanoi.

Vietnam has been developing very fast in the area of information and communication technologies over the last ten years and its booming market in these fields is receiving large investments from world top companies. Continued from a long outstanding relationship, the tight collaboration of IEEE ComSoc and REV for ATC 2008 now aims to speed up the convergence toward the so-called "flat world" of communications, providing a ubiquitous communications backbone for current and emerging communication services, both geographically and functionally.

Adding up to the spirit of scientific exchange is a unique and enchanting experience awaiting ATC 2008's participants not only to explore the many beautiful landscapes, historical vestiges, and world cultural heritage sites of Vietnam, but also to witness the current vibrant changes in the country and its people.

### Technical Programs

The regular technical program will run for 4 days, with internationally renowned invited speakers for plenary sessions, along with exhibition of electronics and communications products. Tutorial sessions will be held on the day before the opening of the conference. Papers are invited in, but not limited to, the following topics:

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|--|---|
| ▪ Wireless Communications                        | ▪ Ad hoc and Sensor Networks            |
| ▪ Signal Processing & Communications Electronics | ▪ Communications & Information Security |
| ▪ Communications Systems Integration & Modeling  | ▪ Communications Quality & Reliability  |
| ▪ Satellite & Space Communications               | ▪ Communications Software               |
| ▪ Computer Communications                        | ▪ Microwave Technique                   |
| ▪ Communication Theory                           | ▪ Antennas and Propagation              |
| ▪ High-speed Networking                          | ▪ Enterprise Networking                 |
| ▪ Multimedia Communications                      | ▪ Information Infrastructure            |
| ▪ Transmission & Access and Optical Systems      | ▪ Electronic Materials                  |
| ▪ Network Operations & Management                | ▪ Medical Electronics                   |
| ▪ Internet                                       | ▪ Electronics Design & Automation       |
| ▪ Personal Communications                        | ▪ VLSI                                  |
| ▪ Power Line Communications                      | ▪ Signal Processing for Storage         |
| ▪ Optical Networking                             | ▪ Microtechnologies & BioMEMs           |
| ▪ Communication Switching & Routing              | ▪ Electronic Materials                  |

### Submission

Prospective authors are invited to submit full-length (four pages) papers in PDF format via the conference website for presentation in any of the areas listed above (indicate the area in your submission). Submission of proposals for special sessions, tutorials and student sessions should be sent to the conference secretary. All papers will be peer-reviewed using a blind review process. Accepted papers will be published in the conference proceedings indexed by IEEEExplore.

### Deadlines

Full paper Submission: May 1, 2008

Notification of Acceptance: July 1, 2008

Camera-Ready Submission: August 1, 2008

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