



1st IFIP International Conference on Ad Hoc Networking

IFIP
World Computer Congress
Santiago de Chile



August 20-25, 2006

1st IFIP Int. Conference on Ad-Hoc Networking

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Submission to:

<http://www.wcc-2006.org/adhoc>

IMPORTANT DATES

Deadline: January 15, 2006

Notification acceptance/rejection: March 15, 2006

Camera Ready deadline: April 7, 2006

Ad Hoc 2006: August 20 - 25, 2006

Scope and Topics

The goal of this conference is to bring together researchers, technologists and visionaries from academia, research labs, and industry, engineers and students to exchange, discuss and share their experiences, new ideas and research about theoretical and practical aspects of ad-hoc networking. The conference will include presentations of theoretical and experimental achievements, innovative ad-hoc systems, prototyping efforts, case studies, and advancements in technology directly affecting ad-hoc networking and communications infrastructures.

Topics

- Implementations, testbeds, and prototypes
- Performance evaluation of ad-hoc network protocols through simulations, analysis, and measurements
- Metrology, ad-hoc network measurement tools
- MAC protocols, scheduling, and radio resource sharing in ad hoc networks
- Power management and control
- Topology control
- Self-organization and network reconfiguration
- Unicast and multicast routing algorithms and protocols
- Energy-efficient communications in ad-hoc networks
- Transport layer protocols for multi-hop networks
- Resource discovery and management
- Protocols for QoS support in ad-hoc networks
- Call admission and traffic shaping policies for ad-hoc networks
- Multimedia location services
- Security in ad-hoc networks
- Fault tolerance and error recovery
- Algorithmic challenges in ad-hoc networks
- Large scale ad-hoc networks
- Interconnection between ad hoc and wired networks
- Sensor networks: applications and protocols
- Ambient intelligence

Paper submission: All papers should be submitted electronically on the web site of the conference, <http://www.wcc-2006.org/adhoc>, in Portable Document Format (PDF). The name and affiliation of all authors should be included on the paper, and the contact information for the lead author should be added in a cover page.

Papers of no more than 10 pages should be submitted following the norms described in the web page of the official publisher *Springer Science+Business Media, IFIP Series* (<http://www.springeronline.com>). Papers presenting original research in conference topics are being sought. A full paper written in English should be sent before **January 15, 2006**. Proceedings will be published by *Springer Science and Business Media* (SSBM). More information can be found in <http://www.wcc-2006.org>

Acceptance will be based on quality, relevance and originality and the practical value of the work. Authors will be notified of acceptance or rejection via e-mail by **March 15, 2006**. Full versions of accepted papers (camera-ready) must be written in English, and will be due by **April 7, 2006**.

Invited Talk

“Content distribution and data Retrieval in Vehicular Networks”
Mario Gerla, UCLA

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