



## Preliminary Announcement and Call for Papers

The Second IFIP-TC6 Networking Conference  
<http://www.cnuce.pi.cnr.it/Networking2002>

May 19-24 2002, Pisa - Italy

Networking is the biennial Conference on Networking of the IFIP Technical Committee on Communication Systems (TC6). Networking 2002 is the second conference in this series --the first event was held in Paris, May 2000-- and is sponsored by the IFIP working groups on Network and Internetwork Architectures (WG 6.2), Performance of Communication Systems (WG 6.3), and Wireless Communications (WG 6.8).

Networking 2002 is organized into three tracks:

- Networking Technologies, Services and Protocols
- Performance of Computer and Communication Networks
- Mobile and Wireless Communications Systems

The Networking 2002 technical program committee is soliciting papers describing original, previously unpublished, completed research, not currently under review by another conference or journal, addressing state-of-the-art research and development in all areas of computer networking and data communications. Topics of interest include, but are not limited to, the following:

- Active and programmable networks
- Analysis and simulation of network protocols
- BISDN and ATM
- Power management
- Protocols and architectures for optical networks

- Broadband wireless access
- Caching and delivery of streaming media
- Computer networks modeling and simulation
- Cryptography, security and privacy
- GSM, GPRS, and UMTS
- Energy efficient protocols and methods
- Internet and web applications
- Internet protocols over high-speed networks
- Measurement studies of web architectures and protocols
- Mobile ad hoc networks
- Mobile agents
- Mobile Internet
- Mobile networks architectures and protocols
- MPLS, MPLambdaS, GMPLS
- Multimedia over packet-switching networks
- Multicasting
- Multiple access protocols
- Network management and control
- Network measurements and testbeds
- Optical burst switching networks
- Pervasive computing
- Protocols for E- and M-commerce
- Quality of service
- Quantitative methods and tools
- Queueing network models of computer and communication networks
- Real-time voice/video over IP networks
- Routing in ad hoc networks
- Satellite networks
- Self-organising network architectures and protocols
- Switching and switch architectures
- Scheduling
- Traffic engineering
- Traffic management and control
- Traffic modeling and characterization
- Wavelength routed networks
- Web performance
- Web Caching, prefetching and replication
- Wireless local and personal area networks
- Wireless 2G, 2.5G, 3G and 4G networks
- Wireless sensor networks
- Wireless and mobile applications
- Wireless multimedia systems
- Workload characterization and generation

## Submission

Papers must be submitted electronically according to the instructions described in <http://www.cnuce.pi.cnr.it/Networking2002>. Proposals for tutorials should be submitted to the respective chairs. Please refer to the conference web site for further details. Submitted papers should be approximately 20 double-spaced pages (use Times 12pt as a reference). The cover page must contain an abstract of about 150 words, 3-5 keywords, name and affiliation of author(s) as well as the correspondence author's e-mail, telephone number, fax number and postal address. Because of the size limitation on the final manuscript, and to ensure that the reviewed paper and the final version have a similar size, please note that the final manuscript should be approximately 5000 words including tables and figures (each table and figure corresponds to 200 words). To make it easy to adhere to the final formatting standard, please keep in mind that the final version must be a 12-page manuscript formatted with the Springer-Verlag LNCS formatting standard, <http://www.springer.de/comp/lncs/authors.html>.

## Publication

All papers will be reviewed by the program committee. Accepted papers will appear in the conference proceedings published by Springer-Verlag in the LNCS series. Authors of selected papers will be invited to submit extended version of their papers for possible publication in special issues of ACM/Kluwer Wireless Networks (WINET) and Performance Evaluation journals.

## **Important Dates**

Full papers due: October 15, 2001

Notification: January 30, 2002

Camera Ready due: March 15, 2002

## **Conference Executive Committee**

General Chair: Enrico Gregori, National Research Council, Italy

General Vice-Chair: Ioannis Stavrakakis, University of Athens, Greece

Technical Program Chair: Marco Conti, National Research Council, Italy

Special Track chair for Networking Technologies, Services and Protocols:

Andrew T. Campbell, Columbia University, USA

Special Track chair for Performance of Computer and Communication Networks:

Moshe Zukerman, University of Melbourne, Australia

Special Track chair for Mobile and Wireless Communications Systems:

Guy Omidyar, National University of Singapore

Tutorial Program Chairs:

Giuseppe Anastasi, University of Pisa, Italy

Stefano Basagni, University of Texas at Dallas, USA

Organization Chair: Stefano Giordano, University of Pisa, Italy

Publicity Chairs:

Silvia Giordano, Federal Inst. of Technology Lausanne (EPFL), Switzerland

Laura Feeney, SICS, Sweden

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Augusto Casaca, IST/INESC, Portugal

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