



Call for Papers
10th IEEE Workshop on Computer-Aided Modeling,
Analysis and Design of Communication Links and
Networks (CAMAD'04) Dallas, USA

29 November 29 2004

Hyatt Regency Dallas at Reunion Hotel

The IEEE Workshop on Computer-Aided Modeling, Analysis and Design of Communication Links and Networks is a unique forum for the presentation of recent advances in modeling and simulation of communications systems. The 10th workshop will be held during Globecom'2004

The workshop is technically co-sponsored by the IEEE Technical Committee on Communications Systems Integration and Modeling. *Topics of Interest* Prospective authors are cordially invited to submit original, in-depth technical papers for presentation and publication in the workshop proceedings.

Topics of special interest are:

- Traffic modeling and management:
 - Multimedia
 - ATM
 - Wireless networks
 - Internet
 - xDSL
- Self-similar and long-range dependent traffic
- Wireless network optimization
- Modeling of Signaling and Service Control Systems
- Simulation techniques
- Modeling techniques
- Computer-aided modeling, analysis and design of high-speed networks
- Parallel and distributed simulation
- Object-oriented modeling and simulation
- Software tools
- Network and link data warehousing and mining
- Network Design
- Broadband over satellite

Session on CAMAD for Wireless Network Optimization

The session on “CAMAD for Wireless Network Optimization” will focus on the use of computer-aided methodologies for optimization of wireless network organization. The topics of interest are mainly related to novel analytical and simulation approaches to modeling and analysis of wireless networks.

The session will consist of 8-10 papers and mainly focus on invited works, with presentation given from relevant experts in the field of wireless network analysis and modeling. Additional papers will be accepted from an open call.

Session on CAMAD for xDSL TR-59 Architecture Performance Evaluation

The session on “CAMAD for xDSL TR-59 Architecture Performance Evaluation” will focus on the use of simulation *for xDSL TR- 59* techniques to validate the TR- 59 Architecture for xDSL networks proposed by the DSL Forum. Topics of particular interest include QoS options identified in TR- 59 for hierarchical rate shaping, and policing, dynamic MTU re- negotiation, Cross- layer QoS interactions, QoS across trust boundaries, and policy enabled xDSL networks.

Technical Committee

Pascal Lorenz University of Haute Alsace (CAMAD Chair)
Nelson L. S. Fonseca State University of Campinas, Brazil
Michael Devetsikiotis Carleton University, Canada
Hussein Mouftah Queen's University, Canada
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A. Jamalipour University of Sydney, Australia
M. Lee Dongshin University, Korea
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Z. Mammeri University of Toulouse, France
A. Kolarov NEC, USA

Instructions for Authors

Manuscripts should be in English and should be accompanied by a cover letter with name, affiliation, complete return address, telephone, FAX numbers and e- mail of the corresponding author. Papers should be on letter- size (8 1/ 2" x 11") white papers in two- column single- space format with top- margin of 1/ 2", left and right margins of 1/ 2" and a bottom margin of 1", space between columns should be at least 1/ 4" and font sizes should be not smaller than 10pt. You may also submit your manuscript on A4 paper. Please, keep text within the same margins. Paper length should not exceed 8 pages. Send .PDF file of your manuscript by attachment to:

Prof. Pascal LORENZ
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Email: lorenz@ ieee. org

For the session on “CAMAD for wireless network optimization”, please send your .PDF files to:

Dr. Fabrizio GRANELLI
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For the session on “CAMAD for xDSL TR- 59 Architecture Performance Evaluation”, please send your .PDF files to:

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Workshop attendees need to register for Globecom'2004

Important Dates Important Dates:

Complete Manuscript Due: July 15, 2004

Notification of Acceptance: August 5, 2004

Camera-ready Manuscript Due: August 27, 2004

Further Information

For further information, contact us through the web:

<http://www.dcc.unicamp.br/~nfonseca/camad2004.html>

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