

Proceedings

**The First International Conference
on Networks and Communications**

NetCoM-2009

Proceedings

The First International Conference on Networks and Communications

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NetCoM 2009

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Message from the General and Program Chairs

On behalf of the Program Committee, it is our great honour to welcome you to this exciting event, The First International Conference on Networks & Communications (NetCoM-2009), held in Chennai, Tamil Nadu, India, from December 27-29, 2009. The objective of NetCoM-2009 is to provide a forum for scientists and engineers in academia and industry to exchange and discuss their experiences, new ideas, research results, and applications about all aspects of Computer networks & communications. An international conference cannot be well organized without the supports and great voluntary efforts of many people and organizations and our main responsibility is to coordinate the various tasks carried out with other willing and talented volunteers

We would like to thank Program Co-Chairs, Michal Wozniak (Wroclaw University of Technology, Poland), Balasubramanian K, (Lefke European University, Cyprus), and other three publicity chairs for their hard and excellent work on organizing a very strong program committee, outstanding reviewing process to select high-quality papers from a large number of submissions, and making an excellent conference program. All submissions were carefully peer-reviewed by at least two Program Committee members and/or external reviewers (actually, 90% of accepted papers have been peer-reviewed by three Program Committee members and/or external reviewers).

Our special thanks also go to Workshop Chairs, Natarajan Meghanathan (Jackson State University, USA), Zan Zika (University of Central Europe, Slovakia) for their outstanding work to manage workshops, which are a very important part of the NetCoM 2009 event. We are grateful to all workshop organizers for their professional expertise and excellence in organizing the attractive workshops, and other committee chairs, advisory members, and PC members for their great support. We appreciate all of authors who submitted their high-quality papers to the NetCoM 2009 main conference and workshops.

Last but not least, we would like to greatly thank the NetCoM 2009 local organizing team for their hard work, nice services, and wonderful local arrangement to hold the conference. We also want to thank AIRCC tech team, for the diligent efforts on the maintenance of the NetCoM 2009 web page & paper submission system. We thank all of you for participating in the NetCoM 2009, and hope you find the conference stimulating and interesting.

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Message from the NetCoM 2009 Program Chairs

On behalf of the Program Committee, it is our great honour and pleasure to welcome you to this exciting event, The First International Conference on Networks & Communications (NetCoM-2009), held in Chennai, Tamil Nadu, India, from December 27-29, 2009.

Overall, we received 285 submissions in the scope of NetCoM 2009, Graph-Hoc 2009, WiMoNe 2009, NCS 2009 from 22 countries around the globe. All submissions were carefully peer-reviewed by at least two Program Committee members and/or external reviewers (actually, 90% of accepted papers have been peer-reviewed by three Program Committee members and/or external reviewers). The manuscripts were then ranked according to their original contribution, technical quality, presentation, and relevance to the themes of the conference. Based on the careful evaluation, 80 papers (from 15 countries) were selected for presentation and inclusion in the main proceedings. This represents approximately a 28% acceptance rate. In NetCoM 2009, three workshops were held in conjunction with the conference:

- First Workshop on Applications of Graph Theory in Wireless Ad hoc Networks and Sensor Networks (GRAPH-HOC 09)
- The First International Workshop on Network & Communications Security (NCS 09)
- The First International Workshop on Wireless & Mobile Networks (WiMoNe-09)

The objective of these workshops is to highlight the spectrum of the main conference, which provides a premier international forum for beneficial academia exchange.

Many individuals contributed to the success of this conference. We would like to take this opportunity to thank all the authors for their submissions—many of whom will travel great distances to participate in this conference and make their valuable contributions. We are certainly indebted to Program Committee members and reviewers who have worked hard to submit their high quality reviews under a tight schedule.

We cordially invite you to join us in Chennai to meet as well as interact with professional in the field of Computer Networks and communications from around the world. We hope you will find the technical program very stimulating, informative, and inspiring. We encourage and anticipate lively interactions between participants on networks & communications, security, wireless network topics for all of us to study and develop further.

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