Message from the Technical Committee Co-chairs

It is with honor and privilege that we welcome you to ICNP 2005. On its thirteenth anniversary, ICNP is back in Boston for the second time. The first time ICNP was held in Boston was in 1994 and since then, the reputation of ICNP has rapidly grown and ICNP has become one of the premier conferences in the field of computer networking.

The goal of the conference is to present significant research contributions to the field of network protocols. The number and the quality of the submissions remained high, commensurate with the competitive nature of ICNP. In total we received 212 submissions from all over the world. During the first phase of the review process, each submission was assigned to at least three program committee members. During the second phase, the program committee members discussed the paper reviews online to resolve conflicts and reach consensus as much as possible. In the final phase of the review process, the program committee met on June 25, in Boston, to further discuss and make final decisions on the acceptance of papers. Additional reviews were obtained during and after the meeting, and so many papers ended up with a total of four or five reviews. This whole rigorous review process resulted in over 670 reviews. Finally, 36 full papers were selected for publication and presentation at ICNP 2005, resulting in an overall acceptance rate of about 17%. This means unfortunately that many high-quality papers could not be accommodated into the program.

The selected papers constitute a solid program of stimulating and timely topics on network protocols. They are organized in sessions on traffic engineering, sensor and ad-hoc protocols, routing in the Internet and ad-hoc networks, congestion control, peer-to-peer and overlay protocols, security and safety, wireless transport, and protocol implementation and analysis.

The technical sessions are supplemented by a student poster session, which had a separate call for submissions and review process. We thank Professor Michalis Faloutsos of UC Riverside for organizing this poster session, and also thank other members of the poster review committee.

In addition, the program features a keynote speech by Professor Larry Peterson of Princeton University on “A Strategy for Continually Reinventing the Internet”, and an invited talk by Darleen Fisher of the National Science Foundation on "NSF NeTS Initiatives on New Architectures and Protocols".

For the first time, the program also includes a timely workshop on "Secure Network Protocols (NPSec)" that is held together with the tutorials to precede the main conference. We would like to extend our special thanks to Professor Sonia Fahmy of Purdue University for serving as the NPSec 2005 general chair. She had skillfully put together an outstanding organizing committee and put in tremendous effort in all aspects, including producing the NPSec proceedings and ensuring a successful launch of this first ICNP workshop.

We are thankful to Professor George Kesidis of Pennsylvania State University and Dr. Nicholas Weaver of the International Computer Science Institute for serving as the NPSec 2005 technical program co-chairs, and to all members of the NPSec 2005 organizing and technical program committees.
Many thanks go to Dr. Debanjan Saha of IBM research and Dr. Nina Taft of Intel Research for their hard work in seeking and reviewing tutorial submissions and putting together a high-quality and timely tutorial program.

It would have not been possible to put together such a strong program without the efforts and contributions of all the authors and speakers, all members of the steering and technical program committees, and the additional reviewers. We thank them all.

Last but not least, we would like to extend our special thanks to the general co-chairs, Professors Azer Bestavros of Boston University and Jim Kurose of the University of Massachusetts at Amherst, and the executive committee chair, Professor David Lee of the Ohio State University, for their support. We also thank Dr. Milind Buddhikot of Bell Labs for his efforts as publicity chair, and Chani Johnson of Microsoft for his tremendous help in setting up and maintaining the web-based conference management system.

We hope that you will enjoy the ICNP 2005 program and that you will have some time to enjoy all what Boston has to offer!

Ibrahim Matta and Mohamed Gouda.................................................................................................
ICNP 2005 Technical Program Co-Chairs