

GREETINGS FROM THE TECHNICAL PROGRAM CHAIR

On Behalf of the Technical Program Committee, it is my great pleasure to welcome you to Dallas, Texas for the 2004 IEEE Global Communications Conference (Globecom 2004). We have a terrific technical program featuring the latest findings in research and development from all areas of communications, as well as vast array of technical tutorials and workshops that have been carefully crafted to provide both industrial and academic perspectives on the most important topics facing our industry. In addition, the 2nd Annual Design and Developers Forums, Telecom Business Forum and an expanded exhibitor venue will provide in-depth exposure to the current and future products in virtually all areas of communications.

This year's Globecom 2004 Technical Program begins the morning of 30 November 2004 with keynote speeches from two titans in the communications industry: Dr. Hossein Eslambolchi and Dr. Henry Samueli. Dr. Hossein Eslambolchi, President, Global Networking Technology Services, CTO, CIO, AT&T, is responsible for the design, development, engineering, operations and reliability of AT&T's global network, as well as its Global Network Operations Center -- AT&T's networking nerve center. Dr. Henry Samueli, founder of Broadcom Corp., pioneered the broadband communications revolution, and was an electrical engineering professor at UCLA before launching the largest semiconductor company in the set-top-box industry. Following the keynote presentations, we have a top-notch technical program on 30 November, 1 Dec. and 2 Dec. The bulk of the technical program features peer-reviewed technical papers. We received approximately 2100 contributions for consideration, and after conducting a rigorous peer review process that assured each paper received at least three reviews, 792 papers were selected for the final program. Over 1200 technical experts throughout the globe participated in the extensive peer review process, and I am most grateful to both the authors who submitted their work for consideration, and for the Globecom 2004 Technical Program Committee who so diligently supported the peer review process and who organized an excellent technical program.

This year's Globecom will feature seven technical symposia, which run in parallel. We have taken efforts to minimize the overlap of key technical topics, so that attendees are able to attend meaningful sessions in their field of interest throughout the week. We strongly encourage all attendees to attend presentations in any or all of the following symposia during their stay in Dallas:

- Communication Theory
- General Conference
- Global Internet and Next Generation Networks
- Optical Communications, Networks, and Systems
- Security and Network Management
- Signal Processing for Communications
- Wireless Communications, Networks, and Systems

In addition to the technical symposia, Globecom 2004 features an excellent line up of tutorials and workshops that will be held a day before and a day after the technical program, on Monday 29 November and Friday 3 December 2004. These workshops and tutorials have been arranged to provide a wide set of perspectives, practices, and outlooks on key areas of communications, and have been formed by bringing top experts from industry and academia together for a relevant and useful program. In total, 21 tutorials and 7 workshops will be available, and attendees are encouraged to attend these tutorials and workshops for additional background.

Also, several plenary lunch panels will feature some of the leading experts and executives in our industry, debating topics such as the future of research and the emerging business opportunities in communications.

The extraordinary quality of the Globecom 2004 technical program would not have been possible without the tremendous volunteer efforts of the Co-Chairs of the Symposia; their terrific technical program committees who provided timely reviews; the executives and experts who have volunteered to present plenary sessions, tutorials, workshops, and keynotes; and the researchers who have shared their work with us. I am most grateful to all of you who have helped us put together a remarkable program. Now, lets all make plans to attend Globecom 2004 in Dallas, where we can take advantage of all this terrific work to learn about the state of our industry and the key findings that will allow us to invent the future of communications.

We look forward to seeing and hosting you in Dallas for Globecom 2004!

Ted Rappaport
Technical Program Chair

