

Message from the symposium chair

On behalf of the organizing committee I would like to welcome you to IEEE Sarnoff Symposium 2005 at Nassau Inn, Princeton NJ, being held on 18-19 April 2005. Following the great success of Sarnoff Symposium in 2004 and realizing the popularity of Princeton downtown, we have decided to hold it at Nassau Inn for the second time for the benefit of the participants. With a rich history of more than 25 years, IEEE Sarnoff Symposium has been championing the cutting edge technologies by way of high quality paper presentation, tutorials, exhibits, panels and valued keynote speakers. This year is also no different either!

Our program committee has worked diligently to come up with an interesting set of enriching events for these two days. This year's symposium includes high quality paper presentations, a range of exhibits from variety of companies showcasing their latest products and technologies, 9 tutorials, two panel discussions, and student paper contest. Technical program committee did a splendid job of selecting 56 outstanding papers from a record number of submissions from all over the world. These papers cover a wide variety of topics, including Sensor Networks, MIMO technology, Signal Processing, Security, Optical Networking, wired and wireless communication. I would like to thank the program committee members, session chairs, and reviewers for volunteering their time in going through the rigorous selection process. I would like to thank EDAS for providing us excellent technical support during the paper management that made our life much easier. I would like to thank the finance chair, local arrangement chair for making sure that the finance is on track and participants are taken care of during these two days. I would like to thank our publication chair and Omni Press for making sure that the proceedings are ready in time for the symposium.

This year we are delighted to have Mr. Robert G. Elmer CEO and President of BBN Technologies to be our keynote speaker for the opening ceremony and assemblyman Mr. Upendra J. Chivukula as the reception speaker.

For this year's Sarnoff Symposium, A.G Franz Associates has overseen the conference administration; exhibit management, registration, publicity and web page maintenance. On behalf of the organizing committee I would like to thank Dr. Gerhard Franz for his valuable contribution towards the conference management, rightful guidance and sense of optimism in every step.

The Sarnoff Symposium continues to garner the support from IEEE Princeton Central Jersey Section, IEEE Communication Society, IEEE Microwave Theory and Techniques Society, IEEE Electron Devices Society, and the College of New Jersey. I would like to thank Dr. Iwan Santoso, chair of IEEE PCJ section towards his support and guidance throughout the year. Like last year we have also obtained significant support from the exhibitors and Symposium patrons. This year's symposium patrons Sarnoff Corporation and Telcordia Technologies are highly appreciated. I would like to extend my thanks to the courteous staff of Nassau Inn for their hospitality. Last but not the least this event would not have been successful without the selfless effort by our volunteers all throughout the year.

I am sure you will find these two days at the Sarnoff Symposium an exciting, stimulating and rewarding experience!

With Best Wishes

Ashutosh Dutta

General Chair
IEEE Sarnoff Symposium 2005