

Conference Chairs: **Kyriakos Manousakis** (Telcordia Applied Research); **David Daut** (Rutgers University)
Technical Program Chairs: **Nicholas Madamopoulos** (City College of CUNY); **Ajay Rajkumar** (Alcatel-Lucent)

<i>Publication Chair:</i>	Aileen Cheng (Telcordia)	<i>Tutorial Chair:</i>	Edwin Hou (NJIT)
<i>Publicity Chair:</i>	Wei Jiang (Rutgers University)	<i>Finance Chair:</i>	Deniel Deng (NanoNuvo Corp.)
<i>Registration Chair:</i>	Vishal Singh (NEC-Labs)	<i>Local Arrangement Chair:</i>	Kale Franz (Princeton Univ.)
<i>Military Panel Chair:</i>	Matthew Zieniewicz (CERDEC)	<i>Exhibits Chair:</i>	Wei Wei (NEC-Labs)
<i>Commercial Panel Chair:</i>	Elias Kpodzo (BAE Systems)	<i>Web master:</i>	Komlan Egho (NJIT)
<i>Student Poster Chair:</i>	Wieslaw Marszalek (DEVRY)		

Since 1978 the IEEE Sarnoff Symposium has been bringing together a tremendous and rich diversity of telecom experts from industry, universities, and government. The popularity of the Sarnoff Symposium, again being held in the historic Nassau Inn located in the heart of downtown Princeton, continues to grow as the premier forum for researchers, engineers, and business executives in the North East drawing an attendance from all over the world. Besides the technical paper presentations, the Symposium will include *tutorials, student paper poster presentations, executive panels, and exhibition.*

Prospective authors are encouraged to submit a full paper for review. Only original papers that have not been published or submitted for publication elsewhere will be considered. The submission process is carried through the *EDAS conference management system* (<http://edas.info/>).

The manuscripts must follow the IEEE two-column format with single-spaced, 10-point font in the text. The maximum paper length is of five (5) pages. A sixth page may be accepted after an additional fee. Submission of a regular paper implies that at least one of the authors will have a full registration to the Conference and present the paper upon the acceptance of the submission.

All accepted papers (after review by experts in the field) will be presented in oral sessions, included in the *2009 IEEE Sarnoff Symposium proceedings* and published through **IEEEExplore**. Student papers should be submitted to the Student Papers Chair (wmarszalek@devry.edu). Prospective tutorial presenters should contact the Tutorials Chair (hou@njit.edu). Detailed procedure is available at: www.sarnoffsymposium.org.

The Symposium is soliciting state-of-the-art research papers and tutorial proposals in the following areas of interest.

Communication Systems

- Broadband Networks (LAN/WAN)
- Network Security
- VoIP & QoS (IPv6/Telephony)

Communications Theory

- Network Information Theory
- Signal Processing for Communications
- Modulations and Coding Techniques

Military Communications

- Disruption Tolerant Networks
- Trust, Security, and Privacy
- Power Management Issues

Optical Communications & Networking

- WDM Systems and Devices
- Broadband Access Communication Technologies
- Fiber-Wireless (FiWi)
- Radio over Fiber (RoF)

Multimedia Applications & Networking

- Multimedia Communications

RF and Microwave Techniques

- Power Amplifiers
- Microwave Devices
- Antenna Systems
- Transceiver Design
- Satellite Communication Systems

Wireless Communications

- WLAN, WiMAX, 3G and 4G Systems
- Multiple Antenna Systems (Uplink and Downlink MIMO/Beamforming)
- Radio Resource Management and Interference Management
- Femto Network Deployment
- Self Configuring Networks
- Self Optimizing Networks
- Sensor, Mesh & Ad Hoc Networks
- Performance Analysis of Wireless Systems
- Ultra Wideband (UWB) Communications
- User and Network Security in Next Generation Networks

IMPORTANT DATES

Papers Due (extended):	Dec 22, 2008
Tutorial Proposals Due:	Dec. 9, 2008
Notification of Tutorials Acceptance:	Jan. 7, 2009
Student Papers Due:	Jan. 19, 2009
Notification of Papers Acceptance:	Feb. 6, 2009
Final Version Due:	Mar. 2, 2009

CONFERENCE SCHEDULE

Tutorials:	Mar. 30, 2009
Paper Sessions:	Mar. 31- Apr. 1, 2009
Exhibits:	Mar. 31, 2009
Poster Presentations:	Apr. 1, 2009