# Call for Papers
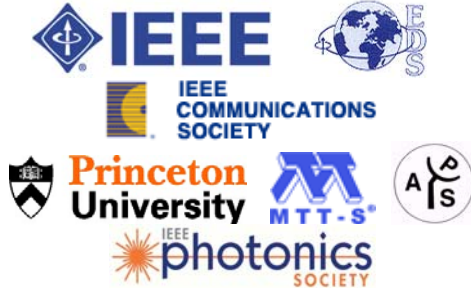
# The 33rd IEEE Sarnoff Symposium 2010

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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, NJ, 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. Manuscript template available at: www.sarnoffsymposium.org.

All accepted papers (after review by experts in the field) will be presented in oral sessions, included in the *33rd IEEE Sarnoff Symposium Proceedings* and published through **IEEE Xplore**. Student papers should be submitted to the Student Papers Chair (praghuwanshi@devry.edu). Prospective tutorial presenters should contact the Tutorials Chair (ekpodzo@msn.com).

### IMPORTANT DATES

| | |
|---|---|
| Papers, Panel and Tutorial Proposals Due: | Nov. 15, 2009 |
| Student Papers Due: | Dec. 5, 2009 |
| Notification of Tutorials Acceptance: | Jan. 7, 2010 |
| Notification of Papers Acceptance: | Jan. 30, 2010 |
| Final Version Due: | Mar. 1, 2010 |

### CONFERENCE SCHEDULE

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|---|---|
| Tutorials: | Apr. 12, 2010 |
| Paper Sessions and Panels: | Apr. 13-14, 2010 |
| Exhibits: | Apr. 13, 2010 |
| Poster Presentations: | Apr. 14, 2010 |

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

**Wireline Communication Systems**
- Triple / Quad Play Architectures
- Broadband Access Networks
- IPTV

**Optical Communications & Networking**
- WDM Systems and Devices
- Broadband Access Communications
- Radio over Fiber (RoF)

**Wireless Communications Systems**
- 4G Cellular and Wireless LAN Systems
- MIMO Transmission Schemes
- Hierarchical Networks (Femto, Pico, Relays)
- Radio Resource and Interference Management
- Self Configuring and/or Optimizing Networks (SON)
- Sensor, Mesh and Ad Hoc Networks
- Free Space Optics (FSO) Wireless Systems
- Ultra Wideband (UWB) Communications
- Power Management for Green Communication
- Satellite Communication Systems
- Military Communication Systems
- Disruption Tolerant Networks

**Communications and Information Theory**
- Network Information Theory
- Cross-Layer Optimization Schemes

**Applications**
- Multimedia Applications for Mobile and Tethered Users
- Mobile Payment Applications
- Trust, Security, and Privacy
- Business Models for Mobile Applications

**Wireless Communications Components**
- Power Amplifiers
- Microwave Devices
- Antennas Design
- RF Repeaters
- Transceivers

For more information www.sarnoffsymposium.org or sarnoff.symposium@ieee.org