

The 38<sup>th</sup> IEEE Sarnoff Symposium 2017  
New Jersey Institute of Technology Conference Center, Newark, New Jersey, USA  
September 18-20, 2017  
Sponsored by IEEE Princeton/Central Jersey Section (IEEE Region 1)  
<https://ewh.ieee.org/conf/sarnoff/2017/>

### Call for Papers

#### ABOUT IEEE SARNOFF

Since 1978, the IEEE Sarnoff Symposium has been bringing together telecom and communications experts from industry, universities, and governments. The Sarnoff Symposium continues to grow as a premier forum in the northeastern United States for researchers, engineers, and business executives, drawing an attendance from all over the world. Besides technical sessions, the Symposium will include keynotes, invited talks, expert panels, tutorials, demo/exhibits and posters presentations.

#### SCOPE

The Symposium is soliciting state-of-the-art research papers, panels and tutorial proposals including, but not limited to, the following topics:

4G/5G Communications	Network Architecture, Design, and Performance
Augmented Reality	Networking for Big-Data Analytics
Cloud and data center networks	Network Education for All
Cognitive radio and opportunistic networks	Optical Communications
Communications and Information Theory	Optical Networking
Connecting the next billion – rural networks	Public and Private Cloud Computing
Cyber-physical systems and networks	R/F Communications
Green networking and Sustainability	Self Configuring Networks
Internet-of-Things	Smart Infrastructures, Cities, Communities, Safety
M-Health, E-Health and Smart Health-care	Software-Defined Networks
Mobile Networks	Standardization Efforts and Needs
Near field communications	Security, Trust, and Privacy
Network Function Virtualization	UAV, Underwater and Underground Communications
Network virtualization	Virtual Reality
Networked Applications and Services	Wireless Communications and Networks
Network Analytics and Forensics	Wireless Sensor Networks

**SUBMISSION GUIDELINES:** Authors must submit their papers using EDAS on or before **Thursday, April 20, 2017** (<https://edas.info/newPaper.php?c=23475>). All papers will be reviewed for technical content and scope by the technical program committee. Accepted and presented papers will be published in the conference proceedings and will be included in IEEE Xplore. The page limits are SIX (6) pages for the long paper track and THREE pages for the short paper track. Papers should be in PDF format, two columns, font size 10 or greater and compliant with other IEEE Sarnoff Symposium manuscript guidelines, which can be found on the conference website. Submitted papers must be unpublished and not currently under review for any other publication. Authors of accepted papers must sign an IEEE copyright release form and also present their paper at the conference for their paper to be included in IEEE Xplore.

#### Important Dates:

- \* Paper submissions: **April 20, 2017**
- \* Poster, tutorial, panels proposals deadline: **TBA soon** (please see conference website)
- \* Notification of acceptance: **June 30, 2017**
- \* Camera-Ready Paper Submission and Author Registration: **August 1, 2017**
- \* Conference dates: **September 18-20, 2017**

#### ORGANIZING COMMITTEE

General Chairs: Deepak Kataria, IPJunction Inc

TPC Co-Chairs: Rudra Dutta, North Carolina State University  
Vinod M. Vokkarane, University of Massachusetts Lowell  
Anwar Walid, Nokia Bell Labs