

The 39<sup>th</sup> IEEE Sarnoff Symposium 2018  
New Jersey Institute of Technology Conference Center, Newark, New Jersey, USA  
September 24-25, 2018  
Sponsored by IEEE Princeton/Central Jersey Section (IEEE Region 1)  
<https://ewh.ieee.org/conf/sarnoff/2018/>

## 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 Analytics and Forensics
Augmented Reality	Network Architecture, Design, and Performance
Blockchain Technology	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 Fog and Edge Computing	Standardization Efforts and Needs
Mobile Networks	Security, Trust, and Privacy
Near field communications	UAV, Underwater and Underground Communications
Network Function Virtualization	Virtual Reality
Network virtualization	Wireless Communications and Networks
Networked Applications and Services	Wireless Sensor Networks

**SUBMISSION GUIDELINES:** Authors must submit their papers using EDAS on or before **Tuesday, May 01, 2018** (<https://edas.info/newPaper.php?c=24545>). 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. 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: **May 01, 2018**
- \* Notification of acceptance: June 30, 2018
- \* Camera-Ready Paper Submission and Author Registration: August 1, 2018
- \* Conference dates: September 24-25, 2018

### ORGANIZING COMMITTEE

General Co-Chairs: Guiling (Grace) Wang, New Jersey Institute of Technology  
Deepak Kataria, IPJunction Inc

TPC Co-Chairs: Miao Pan, University of Houston  
Wade Trappe, Rutgers University & WINLAB