

The 40th IEEE Sarnoff Symposium 2019
New Jersey Institute of Technology Conference Center, Newark, New Jersey, USA
September 23-24, 2019
Sponsored by IEEE Princeton/Central Jersey Section (IEEE Region 1)
<https://ewh.ieee.org/conf/sarnoff/2019/>

Call for Papers

Since 1978, the IEEE Sarnoff Symposium has brought together researchers, engineers, and business executives in telecom and communications. The Sarnoff Symposium continues to grow as a premier forum in the northeastern United States, drawing an attendance from all over the world. The 40th Symposium will include technical sessions, keynotes, invited talks, expert panels, tutorials, demos/exhibits and poster presentations.

SCOPE

The Symposium is soliciting state-of-the-art research and position papers as well as panel and tutorial proposals in the broad area of communications and networking. Topics of interest include, but are not limited to, the following:

4G/5G communications	Network economics
Augmented and virtual reality	Network Function Virtualization (NFV)
Blockchain technology	Network optimization and learning
Cloud computing and data center networking	Networked applications and services
Cognitive radio and opportunistic networks	Networking for big-data analytics
Communication and networking in cyber-physical systems	Networking for smart and autonomous vehicles
Communications and information theory	Optical communications and networking
Connecting the next billion – rural networks	Quality-of-service and performance evaluation
Fog and edge computing	Retrospectives on networking over the past 40 years
Green networking and sustainability	Routing, scheduling, and resource allocation
Internet of Things (IoT)	Security, trust, and privacy
Millimeter wave, terahertz, and visual light communications	Smart infrastructures, cities, and communities
Mobile computing and mobile networking	Social networking
Near-field communications	Software-Defined Networks (SDN)
Network analytics and forensics	Standardization efforts and needs
Network architectures and protocols	Underwater and underground communications

SUBMISSION GUIDELINES: Submission instructions for panel and tutorial proposals may be found at the conference website. Authors must submit technical papers using EDAS on or before **Tuesday, May 01, 2019** (<https://edas.info/newPaper.php?c=25826>). All papers will be reviewed for technical content and scope by the technical program committee. Authors of accepted papers must sign an IEEE copyright release form and present the paper at the conference for their paper to be published in IEEE Xplore. Submitted papers must be unpublished and not currently under review for any other publication.

The Symposium accepts both “short” (at most THREE (3) pages) and “long” (at most SIX (6) pages) technical papers. Submissions must be in PDF form and follow standard IEEE format, as detailed on the conference website.

IMPORTANT DATES

- * Paper submission: **May 01, 2019**
- * Notification of acceptance: June 28, 2019
- * Camera-ready paper submission and author registration: August 2, 2019

ORGANIZING COMMITTEE

General Co-Chairs: Deepak Kataria, IPJunction Inc
Rudra Dutta, North Carolina State University

TPC Co-Chairs: Carlee Joe-Wong, Carnegie Mellon University
Maria Gorlatova, Duke University