## The 40<sup>th</sup> 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) <u>https://ewh.ieee.org/conf/sarnoff/2019/</u>

# **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 40<sup>th</sup> Symposium will include technical sessions, keynotes, invited talks, expert panels, tutorials, demos/exhibits and poster presentations.

#### SCOPE

The Symposium is soliciting submissions to the **Work-in-Progress track**. 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	Networking for smart and autonomous vehicles
systems	
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	Smart infrastructures, cities, and communities
communications	
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:** The Work-in-Progress track submissions are expected to describe incomplete but promising work. Authors must submit technical papers using EDAS on or before <u>Friday, July 26, 2019</u> (<u>https://edas.info/newPaper.php?c=25826</u>). 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 maximum page length for the Work-in-Progress submissions is THREE (3) pages. The submissions must be in PDF form and follow standard IEEE format, as detailed on the conference website.

## **IMPORTANT DATES**

- \* Paper submission: July 26, 2019
- \* Notification of acceptance: August 19, 2019
- \* Camera-ready paper submission and author registration: September 9, 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