

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:

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| 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 **Monday, July 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: **July 01, 2019**
- * Notification of acceptance: August 19, 2019
- * Camera-ready paper submission and author registration: September 09, 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