

Call for Papers

IPTComm brings together researchers from academia, industry and government to discuss challenges, share ideas, views, results and experiences in IP communications research and services. IPTComm focuses on the reliability, security, privacy, performance and scalability of real-time communications and data services. We invite paper submissions addressing theoretical and experimental achievements, innovative systems, prototyping efforts, case studies and technological advancements.

Accepted papers will be published in IEEE Xplore. The list of topics for IPTComm includes but is not limited to:

New Technologies, Services and Applications	Management and Resilience
<ul style="list-style-type: none">• Cloud-based IP communication services• Browser-integrated IP Communications (WebRTC)• Public safety applications and Next Generation 9-1-1• Open source development in IP communications• Internet of Things and M2M• Mobility and Ubiquitous computing• Information Centric Networks (ICN)• 5G Networks: proof of concepts and research issues• Applications and research in IP communications for industries (e.g, finance, energy, healthcare, education, transportation)	<ul style="list-style-type: none">• Scaling, monitoring and management of large-scale IP communication systems• Benchmarking of large-scale IP communication systems• Quality of Experience (QoE)• Effects of virtualization on quality of IP communication systems• Network Function Virtualization (NFV) and Service Function Chaining (SFC)• Programmable networks and Software Defined Networking (SDN)• Energy consumption and energy management in IP communication systems
Security	Analytics in IP Communication Network
<ul style="list-style-type: none">• Identity management, anonymity and privacy in IP communications• Challenges in end-to-end security in the presence of middleboxes in managed networks• Middleboxes for trust and privacy in IP communications• Autonomous intrusion detection and prevention• Forensics and diagnostics in IP communication systems• Surveillance and lawful interception of IP communications networks	<ul style="list-style-type: none">• Analyzing unstructured data in IP communication systems (Chats, Audio calls / transcripts, Video feeds)• Real-time machine learning methods in IP communications networks• Scalable distributed architectures for analytics in IP communication networks• Big data platforms for understanding communication network patterns (energy optimization, graph processing, etc.)

Submission Guidelines

- All paper submission will be done via EDAS - <https://edas.info/N24657>
- Regular papers are limited to 8 pages in IEEE double-column format. All submissions should follow the guidelines available at [IEEE website](#).
- Work-in-progress papers should have no more than 4 pages in IEEE double-column format, including figures, references and appendices. Work-in-progress papers must include 'Work in progress' in the title.

Important Dates

Paper submission deadline: Monday, July 02, 2018, 18:00 EST

Notification to authors: Monday, August 20, 2018, 18:00 EST

Final camera-ready submission: Sunday, September 16, 2018, 18:00 EST

Additional details can be found on the conference website, <http://iptcomm.org>. If you have any questions about conference or paper submissions please contact the TPC chairs tpc@iptcomm.org