CALL FOR PAPERS

ICNGNS 2022
Oct 04-05, 2022
Tbilisi, Georgia

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICNGNS 2022 : International Conference on Next Generation Networks and Systems is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Next Generation Networks and Systems. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Next generation networking
Addressing and naming with the presence of mobility and portability
Centralized-RAN and Could-RAN architectures
Cloud-based networking
Content-centric networking: caching, naming, distribution, load balancing, resiliency
Converged networks and applications
Free space optical (FSO) networks and visible light communication (VLC)
Future internet and next-generation networking architectures
Heterogeneous multi-layer and multi-domain wireless-wireline internetworking
High speed and parallel processing architectures for next generation routers and switches
Indoor localization and navigation
internet economics, pricing, accounting, and growth modelling
Internet of Things (IoT), M2M, D2D, MTC
Internet survivability and network resilience strategies
Mobile cloud, fog, and edge networks
Mobile security: device, application, data, and content
Network and service virtualization
Next-generation access networks
Next-generation anomaly, intrusion, and attack detection/prevention
Next-generation flow management: resource sharing, congestion control
Next-generation internet applications and services, including interactive media, voice and video, games
Virtual reality, and immersive applications
Next-generation IP multimedia subsystem: architecture and design
Next-generation network management and control
Operational and research issues with IPv6
Overlay and peer-to-peer (P2P) networking
Packet classification and forwarding mechanisms at ultra-high link rates (terabits)