



# CALL FOR PAPERS

**ICNCS 2021**  
**Oct 07-08, 2021**  
**New York, USA**

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.

ICNCS 2021 : International Conference on Network and Cloud Softwarization is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Network and Cloud Softwarization. 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:

Network softwarization  
APIs, protocols and languages for programmable networks  
Software-defined Infrastructures  
Abstractions and virtualization of resources, services and functions  
Resource management and Orchestration  
Modeling, representation, composition algorithms, and deployment  
Efficient network and service monitoring  
Transition strategies from existing networks to SDN/NFV  
Management of federated SDN/NFV infrastructures  
Energy efficient and green SDI  
Traffic Engineering and QoS/QoE in SDN/NFV  
Interoperability of SDI with legacy infrastructures  
Centralized vs distributed control of SDN/NFV-based systems

Policy-based management in SDN/NFV  
Network softwarization for 5G  
Softwarized edge cloud infrastructures  
Softwarized platforms for Internet-of-Things (IoT)  
SDN switch/router architectures/designs  
Softwarized networks for big data applications  
Software-defined optical transport networks  
Debugging and introspection of software-defined virtualized systems  
Availability and resilience of virtualized software-defined systems  
Verification/auditing tools for softwarized systems  
Experience reports from experimental testbeds and deployments  
Mobility/security/safety support  
New service models and paradigms enabled by softwarization