

IEEE NCA 2022

14-16 December 2022

Call for Papers

AwesomePlacesOnEarth.com

IMPORTANT DATES

TITLE AND ABSTRACT DUE:	21 OCT 2022
FULL PAPER DUE:	21 OCT 2022
ACCEPTANCE NOTIFICATION:	28 NOV 2022
CAMERA READY PAPERS:	5 DEC 2022
AUTHOR REGISTRATION:	5 DEC 2022

ABOUT NCA

NCA is a successful series of conferences that serves as a large international forum for presenting and sharing recent research results and technological developments in the fields of Network and Cloud Computing. NCA, which is sponsored by the IEEE Computer Society, reaches out to both researchers and practitioners, and to both academia and industry. The conference features keynotes, technical presentations, and workshops.

TOPICS of INTEREST

Theory of Network Computing
Autonomic Network Computing
Content Delivery Network (CDN)
High Speed Networks / Protocols and Middleware
Routing Mechanisms
Overlay Networks / Peer-to-Peer Systems
System Area Networks (SAN) / Clusters
Performance Modeling / Quality of Services (QoS) Issues
Web Caching and Switching
Dependable Wide, Local, and System Area Networks
Network Security
Intrusion-Tolerant Networked Systems
Scalable and Dependable Servers and Data Centers
Middleware for Dependable Network Computing
Self* (Configuring, Healing, Optimizing, Protecting, Organizing, Aware)
Platforms for Network Computing
Network Protocols: Verification and Validation
Autonomic Network Computing for Achieving Self* Properties and Applications Availability
Seamless and Virtual Capabilities for Implementing Self* Properties

Software Defined Networking (SDN): Principles and Implementation
Designing Highly-Available and Secure SDN
Network Functions Virtualization (NFV): Design and Optimization
Network Cloud Computing
Machine Learning Techniques for Cloud Resources Management
Big Data in Clouds for IoT
Future Internet and Communicating Objects
Mobile Ad-Hoc Networks (MANET)
Sensor Networks
Fog / Edge Computing
Energy-Efficient Computation and Communication
Applications to Real and / or Complex Problems, Practical Experiences and Prototypes
Programming Environments for Distributed Systems
Cryptocurrencies, Blockchain and Distributed Ledgers
Byzantine Fault Tolerance
Web and Mobile Security
Security of Networked Applications (including Automotive, Industrial, Cyberphysical Systems)

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