

CALL FOR PAPERS

2022 5TH INTERNATIONAL CONFERENCE ON HOT INFORMATION-CENTRIC NETWORKING

2022 5th International Conference on Hot Information-Centric Networking (HotICN 2022) will be held in Guangzhou, China on November 24th-26th, 2022.

The International Conference on Hot Information-Centric Networking (HotICN) aims to gather experts and scholars from home and abroad in this field to discuss the architecture, key technologies, innovative ideas, future development trends and industry prospects of information centric networks and its related fields such as blockchain, Cloud Network Integration, etc. The conference committee invites submissions of applied or theoretical research as well as of application-oriented papers on all the topics of HotICN 2022.

HotICN

Nov. 24-26, 2022
Guangzhou, China

<http://2022.hoticn.com>

ORGANIZING COMMITTEE

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SCOPES OF THE CONFERENCE

Track 01: Information Centric Networking (ICN)

ICN Architecture and Fundamentals
ICN Mobility
Security and Privacy Issues in ICN
ICN in IPv6
ICN in IoT
ICN in Cloud/Fog
ICN in 5G Mobile Internet
ICN in Vehicle Network
ICN Performance and Evaluation
ICN-Inspired Applications and System
ICN Analysis and Theory

Track 02: BlockChain

Blockchain Technologies and System
Security, Privacy and Trust Schemes for Blockchain
Smart Contracts and Distributed Ledger Applications
Networking Technologies in Blockchain
Blockchain-Inspired Applications and System
Distributed Consensus & Fault Tolerance Algorithms
Performance, Scalability Issues
Distributed Database Technologies for Blockchain
Blockchain Platforms
Blockchain-based Applications & Services
Decentralized App Development
Smart Contracts and Verification
Security, Privacy, Attacks, Forensics
Transaction Monitoring and Analysis
Token Economy
Regulations & Policies in Cryptocurrency
Digital Wallets, Coin Exchange, Initial Coin Offering
Anonymity and Criminal Activities of the Cryptocurrency
Managing the Risks of Cryptocurrency
Web 3.0 Technology

Track 03: Cloud Network Integration

The Architecture Design for Cloud Network Integration
The Protocol Analysis and Design for Cloud Network Integration
Integrated Networking, Computing and Caching
Cloud Edge Collaboration
Compute-First Networking
Machine Learning in/for Cloud Network Integration
Edge-Fog-Cloud Interplay
Cloud-Native based Network
The Role of Blockchain in Cloud Network Integration
Management of Cloud Network Integration—scheduling, Resource Scaling, Deployment, Orchestration, Monitoring, Benchmarking, and Metering

Track 04: New Technology for Future Network

Time-Sensitive Networking (TSN), Deterministic Networking (DetNet)
Internet of Vehicles, Cellular-Vehicle-to-Everything(C-V2X)
Satellite Networks, Satellite Internet
Industrial Internet, Internet of Things
B5G/6G Networks
Large-Scale Testbed for Future Network
Testbed Design, Implementation and Deployment
Tools and Services for Testbed Users and Operators

Track 05: Metaverse

AR/VR Technologies
3D Modeling and Application
Edge Computing Enabled Metaverse
Artificial Intelligence Enabled Metaverse
Digital Twin Technology
Intelligence Networking Technology
Tactile Internet
Blockchain for the Metaverse
Application and Case Studies (Healthcare, Industry 4.0, Energy, Smart City, Finance, etc.)
Architecture and Tools of The Metaverse
Multimodal Semantic Communication in Metaverse
Multi-sensory Multimedia Networks



CONFERENCE PROCEEDINGS

Accepted and presented papers of HotICN 2022 will be published in the conference proceedings.

2021-IEEE Xplore-Indexing: Ei Compendex, Scopus

2019-IEEE Xplore-Indexing: Ei Compendex, Scopus

2020-IEEE Xplore-Indexing: Ei Compendex, Scopus

2018-IEEE Xplore-Indexing: Ei Compendex, Scopus, Web of Science

SUBMISSION INSTRUCTION



Submissions will be reviewed and evaluated on the basis of originality, importance of contribution, soundness, evaluation, quality of presentation and appropriate comparison to related work.

Submission Link <https://easychair.org/conferences/?conf=hoticn2022>

IMPORTANT DATES

Submission Deadline	20th September, 2022
Notification Deadline	15th October, 2022
Registration Deadline <small>For Authors</small>	30th October, 2022
Camera Ready Date	15th November, 2022
Conference Date	24-26th November, 2022

CONTACT US

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