

# HotICN

Hefei, China  
Dec. 12-14, 2020



## CALL FOR PAPERS

## 2020 3rd International Conference on Hot Information-Centric Networking

2020 3rd International Conference on Hot Information-Centric Networking (HotICN 2020) will be held on December 12-14, 2020, in University of Science and Technology of China, Hefei, China.



[www.hoticn.net](http://www.hoticn.net)

## Technical Topics

Topics of the conference include, but are not limited to:

### Track 1: 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 systems
- ❖ ICN analysis and theory

### Track 2: Space-Ground Integrated Information-Centric Network (SGI-ICN)

- ❖ Heterogeneous wireless network architectures and infrastructure for supporting SGI-ICN
- ❖ Resource allocation and energy efficiency for SGI-ICN
- ❖ Security, privacy and trust issues in SGI-ICN
- ❖ Delay tolerant networking for SGI-ICN

### Track 3: Network Intelligence and Testbed for ICN

- ❖ Data mining, statistical modeling, and machine learning for network management
- ❖ Resource allocation for information centric networks using machine learning
- ❖ Deep learning and reinforcement learning in network control & management
- ❖ Predictive and self-aware networking maintenance
- ❖ Instrumentation and measurement of ICN
- ❖ Testbed design, implementation and deployment
- ❖ Large-scale testbed for future network Tools and services for testbed users and operators
- ❖ Experiments on federated testbeds

### Track 4: Blockchain

- ❖ Blockchain technologies and systems
- ❖ Security, privacy and trust schemes for blockchain
- ❖ Smart contracts and distributed ledger applications
- ❖ Networking technologies in Blockchain
- ❖ Blockchain-inspired applications and systems

## Organizing committees

### General Chairs

Lajos Hanzo, University of Southampton, UK  
Feng Wu, University of Science and Technology of China, China

### Executive Chair

Jian Yang, University of Science and Technology of China, China

### Steering Committee

Lixia Zhang, University of California, Los Angeles (UCLA), USA  
Xiaoming Fu, University of Goettingen, Germany  
Yanyong Zhang, University of Science and Technology of China, China  
Lan Wang, University of Memphis, USA  
Haiyong Xie, University of Science and Technology of China, China  
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### Technical Program Chairs

Mingwei Xu, Tsinghua University, China  
Hongbin Luo, Beihang University, China  
Tao Huang, Beijing University of Posts and Telecommunications, China  
Jiangtao Luo, Chongqing University of Posts and Telecommunications, China  
Xiaobin Tan, University of Science and Technology of China, China

## Submission Instruction



QR for Submission

Submissions should be made through EasyChair: please go to the IEEE HotICN 2020 Submission Site at:

<https://easychair.org/conferences/?conf=hoticn2020>

Submission Options

### ❖ Full papers submission

Up to 6 pages

### ❖ Abstract

Presentation Only (No more than 250 words)

## Publishing Requirements

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.

Accepted and presented papers of IEEE HotICN 2020 will be published in the conference proceedings by IEEE, which will be included into IEEE Xplore Digital Library and submitted for EI Compendex and Scopus index.

! Excellent papers will be recommended to Journal of Communications and Information Networks (JCIN) or to Journal of Science and Technology of China (JUST). JCIN is the top-level Chinese Journal recommended by China Institute of Communications, which is currently included in IEEE xplore and CSCD.

## Important Dates

Paper Submission Deadline:	September 30, 2020
Notification of Decision:	October 31, 2020
Registration Deadline:	November 15, 2020
Tutorial Proposal Deadline:	October 01, 2020
Camera Ready Due:	November 15, 2020
Conference Dates:	December 12-14, 2020

## Venue

Institute of Advanced Technology, University of Science and Technology of China  
Add.: Hefei National Hi-tech Industrial Development Zone,  
No. 5089, Wangjiang West Road, Hefei, China



The conference proceedings of HotICN 2019 has been indexed by EI Compendex and Scopus.



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