

Call for papers

Wireless Ad Hoc and Sensor Networks Symposium (WASN)

IEEE ICNC 2024

Big Island, Hawaii, USA, Feb 19-22, 2023

<http://www.conf-icnc.org/2024>

Symposium Co-Chairs

Chin-Tser Huang, University of South Carolina, USA (huangct@cse.sc.edu)

Jiajia Liu, Northwestern Polytechnical University, China (liujiajia@nwpu.edu.cn)

Scope

The Wireless Ad Hoc and Sensor Networks Symposium aims to provide an engaging forum for researchers and practitioners to share latest results in wireless ad hoc and sensor networking. We solicit papers that present original, unpublished results in various aspects of ad hoc and sensor networking. Topics include but are not limited to:

- Network architectures
- Physical Layer Design
- Medium Access Control
- Routing
- Transport Control
- Cross-Layer Optimization
- Resource Management
- Interference Control and Adaptation
- Quality of Service (QoS)
- Time Synchronization
- Energy Efficiency and Harvesting
- Topology Control
- Localization
- Data Management, Data Aggregation, Data Dissemination, and Query Processing
- Standardization for Ad Hoc and Sensor Networks
- Performance Modeling, Optimization, and Evaluation
- Cyber-Physical Systems, Internet of Things
- Wireless Networked Control and Applications
- Smart and Connected Communities
- Body Area Networks
- Unmanned Aerial Ad Hoc Networks

Submission Guidelines

Perspective authors should follow the instructions at <http://www.conf-icnc.org/2024/author.htm> to prepare their manuscripts. All papers should be submitted via EDAS. Submission information can be found at <http://www.conf-icnc.org/2024/cfp.htm>.

Short Biographies of Co-Chairs

Dr. Chin-Tser Huang is a Professor in the Department of Computer Science and Engineering at University of South Carolina at Columbia. He received the B.S. degree in Computer Science and Information Engineering from National Taiwan University, Taipei, Taiwan, in 1993, and the M.S. and Ph.D. degrees in

Computer Sciences from The University of Texas at Austin in 1998 and 2003, respectively. His research interests include network security, network protocol design and verification, and distributed systems. He is the director of the Secure Protocol Implementation and Development (SPID) Laboratory at the University of South Carolina. He is the author (along with Mohamed Gouda) of the book “Hop Integrity in the Internet,” published by Springer in 2005. His research has been funded by DARPA, AFOSR, AFRL, NSF, NEH, and USDOT. He is an NRC Research Associate in 2020, and a recipient of the USAF Summer Faculty Fellowship Award and of the AFRL Visiting Faculty Research Program Award in 2008-2022. He is a Senior Member of IEEE and ACM.

Jiajia Liu is a full professor (Vice Dean) with the School of Cybersecurity, Northwestern Polytechnical University. He is the director of Shaanxi Provincial Engineering Laboratory of Cyber Security since 2021, and the director of Xi’an Unmanned System Security and Intelligent Communications ISTC Center since 2020. He was a full Professor at the School of Cyber Engineering, Xidian University, from 2013 to 2018. He has published more than 200 peer-reviewed papers in many high quality publications, including prestigious IEEE journals and conferences. He received IEEE ComSoc Best YP (Young Professional) Award in Academia in 2020, IEEE VTS Early Career Award in 2019, IEEE ComSoc Asia-Pacific Outstanding Young Researcher Award in 2017, IEEE ComSoc Asia-Pacific Outstanding Paper Award in 2019, Niwa Yasujiro Outstanding Paper Award in 2012, the Best Paper Awards from many international conferences including IEEE flagship events, such as IEEE GLOBECOM in 2016 and 2019, IEEE WCNC in 2012 and 2014, IEEE WiMob in 2019, IEEE IC-NIDC in 2018, AICON in 2019. He was also a recipient of the Tohoku University President Award 2013. His research interests cover a wide range of areas including intelligent and connected vehicles, mobile/edge/cloud computing and storage, Internet of things security, wireless and mobile ad hoc networks, and space-air-ground integrated networks. He has been actively joining the society activities, like serving as associate editors for IEEE Transactions on Wireless Communications (May 2018-present), IEEE Transactions on Communications (Sep. 2020-present), IEEE Transactions on Computers (Oct. 2015-Jun. 2017) and IEEE Transactions on Vehicular Technology (Jan. 2016-Jan. 2021), editor for IEEE Network (July 2015-present), editor for IEEE Transactions on Cognitive Communications and Networking (January 2019-present), guest editors of top ranking international journals like IEEE Transactions on Emerging Topics in Computing (TETC), IEEE Network Magazine, IEEE Internet of Things (IoT) Journal, etc., and serving as technical program committees of numerous international conferences like the general chair of HPSR 2022, the general co-chair of IWCMC 2023, and the leading symposium co-chair of AHSN symposium for GLOBECOM 2017, CRN symposium for ICC 2018, AHSN symposium for ICC 2019. He is the Chair of IEEE IOT-AHSN TC, and is a Distinguished Lecturer of IEEE Communications Society and Vehicular Technology Society.