

CALL FOR PAPERS



The IEEE Conference on Communications and Network Security (CNS) is a premier forum for cyber security researchers, practitioners, policy makers, and users to exchange ideas, techniques and tools, raise awareness, and share experiences related to all practical and theoretical aspects of communications and network security.

The conference seeks submissions from academia, government, and industry presenting novel research results in communications and network security.

Particular topics of interest include, but are not limited to:

- Anonymity and privacy technologies
- Computer and network forensics
- Cyber deterrence strategies
- Game-theoretic security technologies
- Implementation and evaluation of networked security systems
- Information-theoretic security
- Intrusion detection, prevention, and response
- Key management, public key infrastructures, certification, revocation, and authentication
- Malware detection and mitigation
- Security metrics and models
- Physical-layer and cross-layer security technologies
- Security and privacy for big data
- Security and privacy for data and network outsourcing services
- Security and privacy for mobile and wearable devices
- Security and privacy in cellular networks
- Security and privacy in cloud and edge computing
- Security and privacy in crowdsourcing
- Security and privacy in emerging wireless technologies (dynamic spectrum sharing, cognitive radio networks, millimeter wave communications, MIMO systems, etc.)
- Security and privacy in peer-to-peer and overlay networks
- Security and privacy in WiFi, ad hoc, mesh, sensor, vehicular, body-area, disruption/delay tolerant, and social networks.
- Security and privacy in smart cities, smart and connected health, IoT, and RFID systems
- Security for critical infrastructures (smart grids, transportation systems, etc.)
- Security for future Internet architectures and designs
- Security for software-defined and data center networks
- Social, economic, and policy issues of trust, security, and privacy
- Traffic analysis
- Usable security and privacy
- Web, e-commerce, m-commerce, and e-mail security

Accepted and presented technical papers will be published in the IEEE CNS 2018 Conference Proceedings and submitted to IEEE Xplore® as well as other Abstracting and Indexing (A&I) databases. See the website for concrete instructions and submissions rules and regulations and for author requirements of accepted authors.

Important Dates:

Paper Submission: ~~December 20, 2017~~
January 05, 2018; 21:00 PDT

Notification: February 27, 2018

Final Paper: March 19, 2018

Organizing Committee:

General Chair

Jiwu Jing, Chinese Academy of Sciences, China

Program Chairs

Loukas Lazos, University of Arizona, USA

Peng Liu, Pennsylvania State University, USA