



2019 IEEE CNS Workshop on Physical-layer Methods for Security and Privacy in 5G and the IoT

Workshop Organizers

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TPC Members

To be finalized

The **Workshop on Physical-layer Methods for Security and Privacy in 5G and the IoT** will take place during the 2019 IEEE CNS in Washington, D.C., USA, June 10-12. Previously unpublished contributions in security and privacy for 5G and the IoT based on physical-layer methods are solicited, including (but not limited to):

- Physical-layer methods for secrecy and privacy for 5G and the IoT
- Physical-layer security in co-located and distributed massive MIMO
- Secure transmission using physical layer characteristics at mmWave and THz frequencies
- Integration of physical-layer security into FD systems
- Secure orthogonal and non-orthogonal connectivity for massive numbers of devices
- Energy-efficient and low-overhead physical-layer secure transmission
- Physical layer security techniques for eMBB, mMTC, and URLLC applications
- Prototype, testbed, and performance evaluation of physical layer security and key generation
- Wireless, biometric, and physical unclonable functions (PUF)-based authentication
- Private information retrieval (PIR)
- Differential-privacy based schemes
- Anonymity and unlinkability
- Covert and stealth communications

Submitted papers should be of sufficient length and detail for review by experts in the field. Papers should be submitted for review through EDAS. Final papers will be limited to 5 pages in length in the standard IEEE conference paper format. Accepted papers will be published in IEEE Xplore.

Key dates

Paper submission deadline	March 6, 2019
Acceptance notification	April 7, 2019
Workshop date	June 11, 2019

For more information, please contact the workshop organizers:

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