The 1st National Workshop on Wireless Network, Cloud Computing and Cryptography (WWN3C'20).

June 22, 2021, Boumerdes, Algeria

Important Dates

Submission Deadline: **May 15, 2021**

Notification of Acceptance: June 1, 2021

Camera Ready: June 15, 2021

Workshop Date: June 22, 2021

The 1st National Workshop on Wireless Network, Cloud Computing and Cryptography (WWN3C'2020) will be held in the Faculty of Technology, of the University M'Hamed Bougara of Boumerdes, Algeria, on **June 22, 2021.**

The Workshop aims to present new advances and research results in the fields of Wireless Networks, Cloud Computing, Cryptography and applications. The workshop is expected to provide researchers, engineers, and scientists the opportunity to interact and present their latest advanced research. Authors are solicited to contribute to the workshop by submitting articles that illustrate research results, projects, and surveying works. Topics of interest will fall under one or more of the workshop tracks, but are not limited to:

Track 1: Wireless Networks

- Wireless Communications
- Ad-hoc, Vehicular, Sensor and Mesh Networks
- Flying Ad-hoc Networks
- Cognitive Radio Networks
- Wireless Multimedia Networks
- Smart grid, Smart City, Small Cell Networks
- Social Networks
- Green Wireless Networks
- 5G Communication Networks
- Performance and QoS
- Internet of Things and Machine-to-Machine Communications
- Wireless Network Security and Privacy
- Fault Tolerance and Reliability
- Antennas and Wave Propagation
- LTE, LTE-Advanced, LTE-pro, Wifi, and Wimax
- Routing and Quality of Service

Track 2: Cloud Computing

- Cloud Architecture
- Cloud System Architectures
- Virtualization
- Mobile Apps to the public Clouds
- Public and private cloud
- Multi-clouds Integration
- Plateform, Software, Storage as Service
- Security and Privacy in the Cloud
- Edos attacks
- Access Control and Authentication
- Trusted Cloud Environments
- Social and Mobile Cloud Applications
- Mobile Edge Computing
- Cloud computing and Big Data
- Vehicular Cloud networks
- Cloud Monitoring

Track 3: Cryptography and Applications

- Symmetric -Key Algorithms
- Public-Key Algorithms
- Block and Stream Encryption
- PKI (Public Key Infrastructure)
- Digital Signature
- Elliptic-Curve Cryptography
- Quantum Cryptography
- Confidentiality, Non-Repudiation, Authentication and Integrity
- Message Authentication (MAC)
- Cryptographic Protocols
- Hardware Implementation of Cryptographic Algorithms
- Biometrics
- Cryptography in Network Security
- Cryptography in Smart Card
- Blockchain
- Access Control
- Key Exchange in Mobile Networks

Paper Submission

Authors are invited to submit full-length papers (8 pages max) written in English, and formatted using the **IEEE templates**:

https://www.ieee.org/conferences_events/conferences/publishing/templates.html

The papers should be submitted electronically in PDF format

All papers will be double-blind peer-reviewed. Acceptance will be based on quality, relevance, originality, and presentation. All papers submitted to WWN3C'20 workshop must be previously unpublished and may not be considered for publication elsewhere. **For more information contact us at: wwn3c2020@gmail.com**

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