Call for Papers

Quantum Cryptography and Secure Communication Workshop

The 16th International Conference on Wireless Communications and Mobile Computing
IWCMC 2020

IWCMC 2020 Website: http://iwcmc.org/2020/
Submission Link: https://edas.info/newPaper.php?c=26206

Limassol, Cyprus
June 15 — 19, 2020

Technically sponsored by: IEEE and IEEE Lebanon Section

Organizing Committee

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Scope

In recent years, a rapid growth of interest in quantum information technology has emerged from academia to industry. Quantum cryptography and quantum communication bring a tremendous amount of impact and challenge to classical cryptography and communication. Also, quantum computation is another hot topic. How to combine quantum cryptography, quantum communication or quantum computation to solve classic problems or quantum problems has recently becomes a new exciting research direction. We believe that such research will promote the development of future networks.

The objective of this workshop is to stimulate discussion on the cutting-edge research in quantum information processing which can help theoretical development and practical application. Papers regarding quantum cryptography, quantum communication, and quantum computation are welcome.

Topics

Accepted papers will be published in the IEEE IWCMC 2020 proceedings and will be submitted to the IEEE digital library (IEEE Xplore). Authors are welcome to submit papers with topics that include, but are not limited to:

- Quantum key distribution
- Quantum signature
- Quantum encryption
- Quantum authentication
- Quantum cryptographic protocol
- Quantum coding
• Quantum secure communication
• Quantum information theory
• Quantum network
• Quantum multiparty computation
• Quantum obfuscation
• Quantum algorithm
• Quantum programming
• Quantum experiment
• Post-quantum cryptography

Important Dates
Submission: January 10, 2020
Acceptance notification: March 30, 2020
Camera-ready paper submissions: April 30, 2020

Submission Guidelines
Prospective authors are invited to submit original technical papers—up to 6 pages of length, using the EDAS link: https://edas.info/newPaper.php?c=26206 for possible publication in the IWCMC 2020 Conference Proceedings, which will be submitted to the IEEE Xplore. Selected papers will further be considered for possible publication in special issues in selected Journals in the area. For more information, visit: http://iwcmc.org/2020/

Note: There will be best paper award, best Symposium award and best Workshop award.

TPC Members (TBD)