# **Special Issue**

### Classical and Quantum Networks: Theory, Modeling and Optimization

### Message from the Guest Editors

In this Special Issue, we will focus on generalizations and applications of classical networks to quantum systems, as well as on unique quantum constructions. The reported studies may relate to various areas, ranging from fundamental explorations of quantum nonlocality to applications for quantum communications. The Special Issue of interest include, but are not limited to:

- network dynamics
- network topology
- complex networks
- percolation
- quantum entanglement
- quantum correlations
- quantum interconnect
- quantum walks
- quantum key distribution

#### **Guest Editors**

Dr. Avishy Carmi

Dr. Eliahu Cohen

Dr. Dana Ben Porath

### Deadline for manuscript submissions

closed (17 January 2025)



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### Message from the Editor-in-Chief

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