

# USF Quantum Communications and Cryptography Workshop

April 9, Friday, 2021 (online)



The Quantum Initiative at the University of South Florida presents a series of workshops on quantum information technology. The online ***USF Quantum Communications and Cryptography Workshop*** consists of tutorials by renown scholars and invited talks by global leading experts.

**We look forward to you joining us !**

**TUTORIALS: 9:00 am -12:00 pm** (Chair: Prof. K.-C. Chen, USF EE)

**Tutorial-1:** 9:00-10:25 am

**Dr. Min-Hsiu Hsieh**, FoxConn Quantum Computing Center & University of Technology Sydney

**Title: Introduction to Quantum Stabilizer Formalism**

**Tutorial-2:** 10:30-11:55 am

**Prof. Mark M. Wilde**, Louisianan State University

**Title: Quantum Information Theory**

**INVITED TALKS: 1:30-3:30 pm** (Chair: Prof. K.-C. Chen, USF EE)

**Dr. Andreas Winter**, CREA & Universitat Autònoma de Barcelona, Spain

**Title: Locking vs private capacity of quantum channels**

**Dr. Nicholas Peters**, Oak Ridge National Lab.

**Title: Quantum Communications and Networking at Oak Ridge National Laboratory (ORNL)**

**Dr. Franco Wong**, Research Lab of Electronics, MIT

**Title: Quantum-secured communication at Gbps rates**

**Links to attend the online workshop:**

Tutorials: [Join live event](#)

Invited Talks: [Join live event](#)