

Title: Development and evaluation of QKD-based secure communication in China

Abstract:

Quantum Information Technology (QIT) is becoming a hot topic in ICT. QKD-based QSC is one of the promising information security solutions in the post-quantum era. In this presentation, after introducing the QIT background, the development and application status of QKD-based secure communication (QSC) in China is highlighted, and some results of QSC testing and evaluation are analyzed.