

Avviso di Seminario

Mercoledì 18 giugno 15:15 Sala Videoconferenza (1)

Jesni Shaari

Prof.

Faculty of Science, International Islamic University Malaysia

Terrà un seminario dal titolo :

"Nonorthogonal Unitaries in Two-Way Quantum Key Distribution"

Abstract :

Two-way Quantum Key Distribution (QKD) schemes have commonly make use of a set of unitaries corresponding to binary encodings which can in principle be distinguished perfectly. We introduce a non entangled two-way QKD scheme with two sets of unitaries of which the elements in one set can be viewed as 'nonorthogonal' to elements in the other set, with the aim of naturally suppressing an eavesdropper's information to provide for a higher security threshold.

Il Direttore
Dr. Pasquale Lubrano

