

Quantum Communication

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Abstract

In this talk, we will first introduce the concept of quantum communication in a pedagogical manner with a focus on the origins of so-called unhackable security. We will then briefly mention some recent results obtained in our laboratory in the domain of quantum key distribution (qkd). Next, we will allude to ongoing qkd research in other DAE labs. Finally, we will discuss potential opportunities for qkd activities within the DAE family.