

Quantum Communication Italian Outdoor Distribution Box Dual Core

The QUID consortium brings together leading Italian companies in the sector, the main research institutes involved in quantum communication, both for the terrestrial and space segments, ...

This is the first permanent quantum communication infrastructure, entirely made with Italian technology, for the experimentation of new protocols to be used in telecommunications in an intrinsically ...

The Corning Environmental Distribution Center (EDC) is expertly designed to store and protect fiber optic connections and splices in both indoor and outdoor environments.

A consortium of companies, research institutions, and universities has been selected by the European Union to design and implement the future Italian infrastructure that will protect sensitive data by ...

The European Commission is working with all 27 EU Member States, and the European Space Agency (ESA), to design, develop and deploy the EuroQCI, composed of a ground segment - ...

It is an integral part of IRIS¹⁷⁸, the EU space-based secure communication system. The EuroQCI has to safeguard sensitive data and critical infrastructures by integrating quantum-based systems into ...

Our results demonstrate repeater-like quantum communication in an operational network setting, doubling the distance for practical real-world QKD implementations without cryogenic cooling.

The main purpose of QUID will be the development of nodes in metropolitan quantum communication networks (QMANs), interconnected by means of the Italian Quantum Backbone, an ...



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