

QKD from Space to Ground at QTLabs

Monday, 13 February 2023 15:40 (35 minutes)

We will provide an overview of qtlabs' activities in space-based QKD systems. Building on pioneering work in long-distance free-space QKD and performing down links from a quantum satellite, qtlabs has developed expertise and products for space QKD over the last years. This concerns development of quantum sources for space, mission design and QKD protocols, as well as optical ground stations. Connections to relevant QKD missions and the collaboration with international partner will be highlighted.

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