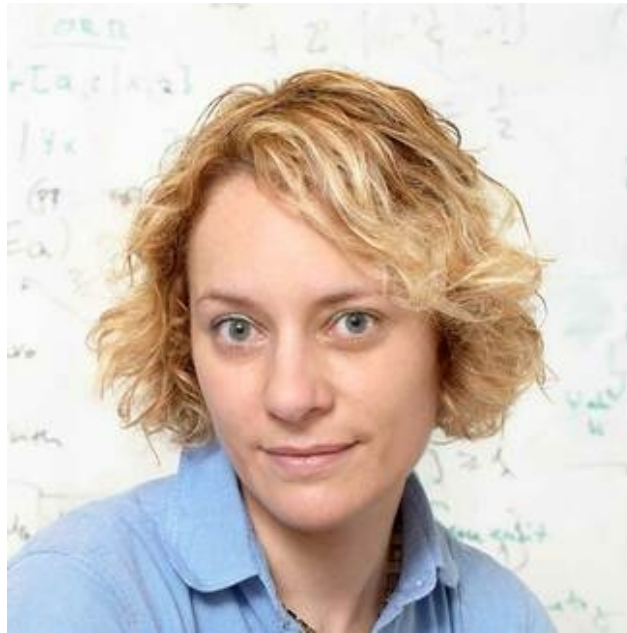


» Outreach Talk for the General Public «

Quantum Internet



Stephanie Wehner

QuTech & Delft University of Technology

Date and time: Tuesday 14 May 2019, at 17:00

Location: Sala 1, Fundação Calouste Gulbenkian, Lisbon

Note: Entrance is free. No registration is necessary.

Abstract:

The internet has had a revolutionary impact on our world. The vision of a quantum internet is to provide fundamentally new internet technology by enabling quantum communication between any two points on Earth. Such a quantum internet will — in synergy with the “classical” internet that we have today — connect quantum information processors in order to achieve unparalleled capabilities that are provably impossible by using only classical information. This talk is an introduction to a quantum internet in which we will investigate what a quantum internet is good for, why counter-intuitive quantum phenomena can enable new applications, and how such a network might be built across Europe.

Organized by:

Physics of Information and Quantum Technologies Group, Instituto de Telecomunicações



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QIA – Quantum Internet Alliance (EU FET Flagship on Quantum Technologies project 820445).

For more information, see: phys-info.org/outreach-talk-quantum-internet