

Session Program

21-22 Mar 2024

13th White Rabbit Workshop and Collaboration Launch Event

Afternoon session

CERN, 80/1-001 - Globe of Science and Innovation - 1st Floor

Thursday 21 March

15:30

Afternoon session: Long Distance WR and WR for Quantum Networks

Session | **Location:** CERN, 80/1-001 - Globe of Science and Innovation - 1st Floor

15:30–15:40

The CERN Quantum Technology Initiative

Speaker

Dr Sofia Vallecorsa

15:40–16:05

Progressing Towards a Nationwide White Rabbit Network in DWDM Telecommunications for REFIMEVE, France's T/F Network for Education and Research

Speaker

Paul-Éric Pottie

16:05–16:30

Sub-ns long-haul dissemination of UTC(CH) using White Rabbit in Switzerland

Speaker

Antoine Jallageas

16:30–16:55

White Rabbit applications: terrestrial PNT networks, the Quantum Internet, and networked digital time scales

Speaker

Jeroen Koelemeij

16:55–17:20

Practical single-fibre network-oriented quantum key distribution from a compact source of entangled photons in presence of White Rabbit time synchronisation

Speaker

Karolina Schatz

17:20–17:45

Towards Quantum Networking: Characterization of Metropolitan-Scale White Rabbit Precision Time Protocol Architectures

Speaker

Ya-Shian Li-Baboud

17:45