

Session Program

20-24 Jan 2025



International Conference on Quantum Technologies for High-Energy Physics

Colloquia

CERN, 500/1-001 - Main Auditorium

Tuesday 21 January

09:00

Colloquia

Session | **Location:** CERN, 81/R-003C - Science Gateway Auditorium C | **Convener:** Benjamin Frisch

09:00–09:05 **Introduction**

Speaker

Benjamin Frisch

09:05–09:50

Quantum network technology - the second life of rare-earth crystals [University of Geneva]

Speaker

Wolfgang Tittel

09:50–10:35

Quantum computing roadmaps toward fault-tolerance

Speaker

Olivier Ezratty

10:35–11:00

Coffee

11:00–11:45

The Quantum Internet: Applications, Challenges and Opportunities

Speaker

Arian Stolk

11:45–12:15

The Open Quantum Institute (OQI)

Speaker

Marianne Schoerling

12:15