Session Program

20-24 Jan 2025

International Conference on Quantum Technologies for High-Energy Physics

Computing and Algorithms

CERN, 500/1-001 - Main Auditorium

Tuesday 21 January

Computing Session Locat	and Algorithms ion: CERN, 81/R-003C - Science Gateway Auditorium C Convener: Dr Michele Grossi
14:00-14:30	Efficient Use of Quantum Computers for Collider Physics
Speaker Christian Walter I	Bauer
14:30-15:00	
Quantum Ma	chine Learning with Physics-Informed and Symmetry-Aware Model
Speaker Prof. Oleksandr K	yriienko
15:00-15:30	Quantum Observables in HEP
Speaker Prof. Fabio Maltor	ni
15:30-16:00	Coffee break
16:00-16:30	Quantum simulating far-from-equilibrium dynamics of gauge theor
Speaker	
Jad C. Halimeh	
16:30-17:00	The quantum life of a Feynman propagator as a qubit
Speaker	
- Poundi	

Wednesday 22 January



2