

Session Program

May 26 - 28, 2025

**Real-time and out-of-equilibrium dynamics
in the quantum HEP era**

talks2

CERN, 6/2-024 - BE Auditorium Meyrin

Mon, May 26

2:00 PM

talks2

Session | Location: CERN, 6/2-024 - BE Auditorium Meyrin

2:00 - 2:25 PM

Quantum field simulation for selected problems in particle physics and cosmology

Speaker

Stefan Floerchinger

2:25 - 2:50 PM

Non-thermal and hydro attractors in strongly correlated quantum systems

Speaker

Aleksas Mazeliauskas

2:50 - 3:15 PM

Thermalization in ϕ^4 theory via quantum simulation

Speaker

Wenyang Qian

3:15 - 3:40 PM

Particle production and hadronization temperature in the massive Schwinger model

Speaker

Laura Batini

3:40 PM

Tue, May 27

2:00 PM

talks2

Session | Location: CERN, 40/S2-D01 - Salle Dirac

2:00 - 2:25 PM **Quantum Tops: Quantum Information Meets High-Energy Physics**

Speaker

Yoav Afik

2:25 - 2:50 PM

Towards Quantum Simulation of Meson Scattering in Z2 Lattice Gauge Theory

Speaker

Yahui Chai

2:50 - 3:15 PM

Real-time jet simulation: from classical to quantum devices

Speaker

Meijian Li

3:15 - 3:40 PM

Long-range interacting quantum systems: a bird's eye view

Speaker

Prof. Nicolo Defenu

3:40 PM