

Session Program

20-24 Apr 2026

**Quantum Observables for Collider Physics
2026**

Session 5

CERN, 4/3-006 - TH Conference Room

Wednesday 22 April

11:10

Session 5: Entanglement and Bell nonlocality at colliders

Session | Location: CERN, 4/3-006 - TH Conference Room | Convener: Luca Marzola

11:10-11:35

Spin correlations and locality tests at collider experiments (remote presentation) [20'+5']

Speaker

Claude Duhr

11:35-12:00

Entanglement and Bell locality tests at colliders [20'+5']

Speaker

Juan Antonio Aguilar Saavedra

12:00-12:25

Opportunities, assumptions and limitations for QI measurements at the LHC [20'+5']

Speaker

Fabio Cerutti

12:25