

Session Program

27 May 2026

Congresso del Dipartimento di Fisica
Computational challenges and strategies in
Physics research

Pisa, Aula Fratelli Pontecorvo

Wednesday 27 May

15:30

Computational challenges and strategies in Physics research

Session | Location: Pisa, Aula Fratelli Pontecorvo

15:30–16:00

Machine Learning and Low-Latency Algorithms for Event Reconstruction in LHC Experiments and MEG

Speaker

FRANCESCO ARMANDO DI BELLO

16:00–16:30

Explainable AI approaches to Study Autism Spectrum Disorders

Speaker

PIERNICOLA OLIVA

16:30–17:00

The role of AI in GW astronomy: the good, the bad, and the unknown

Speaker

MARCO CRISOSTOMI

17:00–17:30

Quantum many-body systems: Challenges and computational frameworks

Speaker

VINCENZO ALBA

17:30–18:00

Computational challenges for quantum matter: from strongly correlated electrons to quantum information methods

Speaker

GIACOMO MAZZA

18:00