

4th Joint ECFA-NuPECC-APPEC Activity Workshop

SYNERGIES BETWEEN THE EIC AND THE LHC



8-10 June 2026



Cagliari
(Sardinia, Italy)

Topics include

- The flavor and spin structure of the proton
PDFs and higher-dimensional distributions, including their evolution
- Heavy Ion Collisions & QCD in nuclei
Ultra-peripheral collisions, studies on gluon saturation and QGP, nuclear PDFs
- Diffractive processes and distributions
- Electroweak and beyond the Standard Model physics
Neutrino cross-sections, Dark Matter searches
- Higgs, quarkonia, exotic states, and jets
EFT and SMEFT
- Detector R&D and future facilities
- Computational physics, MC simulations, ML techniques



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Initiative Coordinators:

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