

30th International Symposium on Lepton Photon Interactions at High Energies



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FASER Status and Physics Prospects

Wednesday, January 12, 2022 12:00 PM (20 minutes)

The FASER experiment is a new small and inexpensive experiment that is being placed 480 meters downstream of the ATLAS experiment at the CERN LHC. FASER is designed to discover dark photons and other light and very weakly-interacting particles that are produced in the far-forward region, outside of the ATLAS detector acceptance. The experiment has been successfully constructed and installed and will take data during Run-3 of the LHC. This talk will present the physics prospects, detector design, and commissioning status of FASER.

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