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Status of the FASER experiment at LHC

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FASER is a new experiment at the CERN LHC which is located on the beam collision axis line-of-sight 480 m from the ATLAS collision point in unused service tunnel, TI12. The quite compact detector is designed to search for light and very weakly-interacting new particles produced in the LHC collisions. The additional FASERnu emulsion sub-detector allows to detect and study neutrinos of all flavours produced at LHC. The detector has been successfully installed and is taking data during the LHC Run 3. Details on physics prospects, detector design, commissioning status and first recorded data will be given in this talk.

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