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Long lived particle searches at FASER

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The FASER experiment at the LHC is designed to search for light, weakly-coupled new particles, and to study high-energy neutrinos. The experiment has been running since 2022, and has collected nearly 200/fb of pp collision data. FASER has released a search for long-lived dark photons, and long lived axion-like-particles (also interpreted in several other scenarios). This talk will summarise the long-lived BSM particle search program and discuss future prospects.

Secondary track

T02 - Dark Matter

Author: COLLABORATION, FASER**Session Classification:** T02**Track Classification:** T02 - Dark Matter