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## CERN at 70 at the Crossroads: Future Directions for Particle Physics

*Monday 9 June 2025 14:15 (30 minutes)*

Accelerator based particle physics has delivered an amazing scientific success story, lead in part over the last 70 years by CERN. In 2025, there will be an update to the European Strategy on Particle Physics which will set the direction for what will come after the High Luminosity LHC upgrade, that is scheduled to extend operations until 2042. This talk will give an overview of the past successes, physics questions beyond the standard model, future challenges and a glimpse at some of the future directions for CERN.

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