

Partikeldagarna 2018 (Lundmarksalen) + Discussion Session on the Swedish  
Input to the European Strategy of Particle Physics (Sal A)



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## Building and test of ITk Strip modules (12'+3')

*Tuesday 16 October 2018 15:00 (15 minutes)*

The current Inner Detector (ID) of the ATLAS experiment, despite its excellent current performance, will not meet the harsh requirements of the High Luminosity-LHC upgrade. A newly designed inner detector Inner Tracker (ITk) composed uniquely of semi-silicon pixels and strip detectors will be installed from 2024 to 2026. This contribution summarizes the activities within the different institutes involved in the phase II upgrade of the Strip Tracker in Sweden and Scandinavia. An update on the current status of testing and prototyping is given as well as the outline of the production plans.

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