

# Challenges in Beam Instrumentation and Diagnostics

*Thursday 2 December 2021 16:15 (1 hour)*

CERN operates a large accelerator complex that serves a diverse experimental physics programme. The beam instrumentation group designs, builds and maintains all the instruments that characterise the beam properties across the whole complex. This talk will guide you through a selection of the most recent devices that are used daily by the operators to tune the beams. It will also present the main R&D activities carried out in our group to be able to meet the challenging needs of CERN's future projects.

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