

SUMMER STUDENT LECTURE PROGRAMME 2019

Lecture Title

Accelerator Technology Challenges (Part 3: Accelerator Operation and Design Challenges)

Lecturer's Name

Anton Lechner

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Short CV

Staff physicist in the CERN Engineering Department since 2012. 8-plus years of experience in studying beam interactions with matter, analysing beam losses in CERN accelerators (mainly LHC) and applying this knowledge to the design, upgrade and operation of CERN facilities.

Pre-requisites:
earlier series of lectures
that the students
should follow

"Particle Accelerators and Beam Dynamics", Part 1-3,
M. Schaumann
"Accelerator Technology Challenges (Part 1: Magnet
Superconductivity)", D. Schoerling

Other pre-requisites