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Normal-Conducting Magnets

Tuesday 10 May 2022 09:55 (1 hour)

This lecture will focus on normal-conducting, iron-dominated accelerator magnets. In the beginning, we will explain the basic principles and technologies, how such magnets are designed and built, and what is their primary function in a modern particle accelerator. We will show interesting examples from the past and finally we will discuss whether normal-conducting magnets will play a strategic role in future accelerator projects.

Presenter: ZICKLER, Thomas (CERN)