



The CERN Accelerator School

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Warm Magnets

Monday 19 September 2022 15:00 (1 hour)

Warm magnets are magnets that function in normal ambient temperature conditions. These types are mostly using a soft steel yoke for field amplification and either Copper or Aluminium coils or permanent magnets to generate the field. Magnets powered with such normal-conducting coils are often also called classical, iron dominated or resistive magnets. Since decades these types of magnets are the workhorse for most linear and circular accelerators and beam transfer lines.

Presenter: DE RIJK, Gijs