

CAS course on "Introduction to Accelerator Physics", 22 September - 05
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Warm Magnets

Tuesday 24 September 2024 09:35 (1 hour)

Warm magnets are magnets that function in normal ambient temperature conditions. These types mostly use 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 called classical, iron-dominated or resistive magnets. These magnets have been the workhorse for most linear and circular accelerators and beam transfer lines for decades.

Presenters: DE RIJK, Gijs; DE RIJK, Gijs