

Magnet cost model and targets

Thursday 14 April 2016 16:00 (30 minutes)

In the frame of the EuroCirCol, a conceptual design study for a post-LHC research infrastructure based on an energy-frontier 100 TeV circular hadron collider, a cost model for the dipole arc magnets is being developed. This talk presents an first analysis of the different cost drivers for these magnets, in particular for what concerns magnet aperture, field amplitude, margin and operating temperature.

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