



Contribution ID: 70

Type: **Presentation**

SERVICES FOR A LARGE WARM SPECTROMETER MAGNET: THE LHCb DIPOLE MAGNET

Tuesday 24 May 2005 17:20 (20 minutes)

A summary of the general service requirements for a large warm dipole magnet and the challenges and issues associated with their installation will be presented. The LHCb spectrometer magnet will be used as an example, covering principally the power supply, cabling and cooling water system from conception to realisation and commissioning.

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Session Classification: Session 4