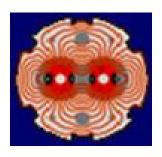
Workshop Chamonix XIV



Contribution ID: 47 Type: not specified

Report from the Magnet Polarity Coordinator

Tuesday 18 January 2005 14:25 (20 minutes)

The presentation will cover the polarity definitions and the conventions in the

different coordinate systems used for beam tracking, field computation and magnetic

measurements. In particular the definition of what a skew dipole magnet is, could

lead to misunderstanding. Continuity problems in the spool piece bus bars which

could affect corrector magnet polarity are addressed. The polarity

magnets with diodes has been verified relying only on Ampere's law.

The next steps

will be the verification of the polarities in the insertion magnets (and in

particular those which are installed in the tunnel with their connections pointing

downstream of beam 1), the polarity of BI equipment, the handling of

conformities etc.

Author: Dr RUSSENSCHUCK, Stephan (CERN AT-MEL-EM)

Presenter: Dr RUSSENSCHUCK, Stephan (CERN AT-MEL-EM)

Session Classification: Session 4 - Other Issues affecting Beam Commissioning I

Track Classification: Other Issues affecting Beam Commissioning I