

## HL-LHC Magnet Roadmap

*Wednesday, September 24, 2014 4:30 PM (20 minutes)*

We will first give an overview of the 11 T project, giving a summary of the main technical choices made at CERN and in FNAL, test results and future milestones.

We then focus on the IR magnets in the HL-LHC. After a short description of the layout, and a catalogue of the numerous magnet types, we will give for each magnet family a summary of the main technical choices. We will then discuss how the magnets has been shared between collaborations, what are the main achievements until now and what are the future milestones. The critical points of the project will be reviewed, with a tentative schedule of the prototyping, production and installation phase.

**Presenter:** TODESCO, Ezio

**Session Classification:** Session 6 - HL-LHC