

# **Study, Simulation and Characterization of the Magnetic Spectrometer of the MINERvA Experiment.**

*Thursday, 11 November 2010 17:00 (0:30)*

## **Abstract content**

This work es centered en the study of the magnetic spectrometer used in the MINERvA Experiment (E-938 at FERMILAB), this analysis it is done from the first beginning by means of the simulation of the magnetic field in 3D view and the simulation of the pass of the charged particles across of the magnetic field generated by the two identical dipole magnets. Also the comparison appears between of analysis of real data and the results of the simulation.

## **Summary**

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**Session Classification :** Session I I.E.PP

**Track Classification :** Instrumentation and experimental particle physics