

ASP2014

Report of Abstracts

Abstract ID : **112**

Particle detection III-IV

Abstract content

Second Lecture *Detector systems, some examples, strategies - AMS - Experiments at the LHC (Atlas and CMS, ALICE, LHCb ?* Some basic building blocks - General characteristics (efficiency, resolution) - Gas detectors - Scintillators - Semiconductors - Calorimeters - Cerenkov and transition radiation detectors - Trigger *Simple particle identification (dE/dx , e/p , TOF, Cerenkov/ TR, muons. Large collaborations: Where are the students? Conclusions or recommendations Exercises for Thursday !!!*

Summary

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