

Title: Detectors

Lecturer: Mr. ULLALAND, O

Date and Times: 10th July at 10:15
10th July at 11:15
11th July at 10:15
12th July at 11:15
14th July at 11:15

Summary of the proposed talk

This lecture series on detectors, will give a general, although somewhat compressed, introduction to particle interaction with matter and magnetic fields. Tracking detectors and calorimeters will also be covered as well as particle identification systems. The lectures will start out with a short review of particle interaction with fields and then we will discuss particle detection. At the end some common composite detection systems will be described.

Prerequisite knowledge and references:

None

Biography

Mr. Olav Ullaland

He studied at University of Bergen and started as fellow at CERN in 1973 and then became permanent staff.

He worked at the Split Field Magnet Detector at the Intersecting Storage Rings with the first multi wire proportional chambers.

He went on to LEP and DELPHI where the main work was on electromagnetic calorimeters and Ring Imaging Cherenkov detectors for particle identification.

He is now in LHCb for LHC.