

RD13 - 11th International Conference on Large Scale Applications and Radiation Hardness of Semiconductor Detectors



Contribution ID: 19

Type: **not specified**

Operation of CMS silicon tracker

Wednesday, July 3, 2013 11:05 AM (25 minutes)

The CMS silicon tracker is the largest silicon detector ever built. It consists of a hybrid pixel detector with 66 million channels and a 200 m² silicon strip detector with 10 million read out channels. The presentation describes the operation of this detector during data taking years before the current LHC shutdown, both during proton-proton as well as heavy ion collisions. Results on the operational performance are presented including alignment, calibration, S/N, timing, etc.

Primary author: TARONI, Silvia (Universitaet Zuerich)

Presenter: TARONI, Silvia (Universitaet Zuerich)