



Contribution ID: 107

Type: Oral Contribution

Advances in the photodetection technologies for Cherenkov imaging applications

Wednesday 3 September 2008 16:50 (20 minutes)

The impressive development of novel photodetectors for Cherenkov imaging devices has allowed to achieve the very demanding hadron identification performance required to study CP violation in B meson decays and to assure a successful operation in the very harsh environment produced by colliding lead nuclei head-on at the unprecedented energies of the LHC collider. However, the design of the forthcoming generation of Cherenkov imaging detectors will have to adapt to the more exacting conditions at future accelerators entailing the capability to stand very high event rates and radiation doses. These challenges ahead require new ideas in photodetection technologies.

Author: Dr NAPPI, Eugenio (INFN Sezione di Bari)

Presenter: Dr NAPPI, Eugenio (INFN Sezione di Bari)

Session Classification: Novel Photon Detection Systems

Track Classification: Novel Photon Detection Systems