Contribution ID: 29

New 2D position sensitive detectors

Wednesday 2 June 2010 10:10 (20 minutes)

We propose a new 2D silicon detector based on a common one-side microstrip detector with each strip covered by a resistive material layer in order to provide position information in the strip length direction. The first prototypes have been fabricated in the IMB-CNM clean room facilities. Simulations and electrical characterization results will be presented.

Primary author: Ms BASSIGNANA, Daniela (IMB-CNM CSIC)

Co-authors: Dr PELLEGRINI, Giulio (IMB-CNM CSIC); Dr VILA, Iván (IFCA); Dr LOZANO, Manuel (IMB-CNM CSIC); Dr FERNANDEZ, Marcos (IFCA)

Presenter: Ms BASSIGNANA, Daniela (IMB-CNM CSIC)

Session Classification: New Structures

Track Classification: New Structures