

12th "Trento" Workshop on Advanced Silicon Radiation Detectors

Tuesday, 21 February 2017

Session 7: LGAD - Aula Grande (13:45 - 16:25)

-Conveners: Roberta Arcidiacono

| time | [id] title | presenter |
|-------|---|-------------------------------------|
| 13:45 | [27] STUDY AND CHARACTERIZATION OF LOW GAIN AVALANCHE DIODES | FERRERO, Marco CARTIGLIA, Nicolo |
| 14:05 | [7] Timing Measurements on Ultra-fast Silicon Detectors | SADROZINSKI, Hartmut |
| 14:25 | [70] Properties of LGAD sensors | CARTIGLIA, Nicolo |
| 14:45 | [43] Last measurements and developments on LGAD detectors | CARULLA ARESTE, Maria del Mar |
| 15:05 | [25] Progress report on the characterization of LGAD microstrip sensors (n-in-p and p-in-p) and their readout tests using a dedicated high dynamic-range Charge-Sensitive Amplifier-Shaper front-end developed on the AMS 180nm technology. | VILA ALVAREZ, Ivan |
| 15:25 | [41] Gain and time resolution of 50 um thin LGAD before and after irradiation | LANGE, Joern |
| 15:45 | [52] New Developments of Ultra Fast Silicon Detectors at FBK | Dr PATERNOSTER, Giovanni |