



# 16th (Virtual) "Trento" Workshop on Advanced Silicon Radiation Detectors

## Thursday 18 February 2021

### Session 11: 3D Sensors (14:00 - 16:00)

-Conveners: Gian Franco Dalla Betta

| time  | [id] title   | presenter             |
|-------|--|-----------------------|
| 14:00 | [143] Performance of irradiated FBK 3D sensors for the ATLAS ITk pixel detector  | LAPERTOSA, Alessandro |
| 14:20 | [146] Test Beam Results of FBK pixel sensors for the Phase-2 CMS Tracker with the RD53A readout chip                                 | GENNAI, Simone        |
| 14:40 | [153] Performance of 3D sensors produced at CNM and uniformly irradiated up to $2 \times 10^{16} \text{ n}_{\text{eq}}/\text{cm}^2$  | TERZO, Stefano        |
| 15:00 | [138] Time resolution of an irradiated 3D silicon pixel detector   | DE SIMONE, Dario      |
| 15:20 | [157] Laboratory characterization of 3D-trench silicon pixel sensors with a $^{90}\text{Sr}$ radioactive source                      | GARAU, Michela        |
| 15:40 | [156] Sub-pixel characterization of innovative 3D trench-design silicon pixel sensors using ultra-fast laser-based testing equipment | LAMPIS, Andrea        |