

Tera-Days: Attività INFN e prospettive per la radiazione THz e le sue applicazioni

giovedì 6 aprile 2017

Detectors THz and sub-THz - Sala Lauree (08:00 - 10:30)

-Coordinatori: Paolo Valente

| time | [id] title | presenter |
|-------|---|-----------------------------------|
| 09:15 | [3] Detection of microwave photons with superconducting qubits for axion searches | GATTI, Claudio |
| 09:40 | [17] Sensors and Readout Electronics for High Brilliance Terahertz Radiation | Dr. CASELLE, Michele |
| 10:05 | [11] SIMAP: A project on Thz kinetic inductance detectors (KID) based on high-Tc superconductors. | GARCIA LORENZANA, Jose' Guillermo |

Detectors THz and sub-THz - Sala Lauree (14:00 - 15:45)

-Coordinatori: Augusto Marcelli

| time | [id] title | presenter |
|-------|---|------------------------|
| 14:00 | [6] A possible novel Terahertz Detection based on Tunable nanometric Nb islands Flux Array Device | DI GIOACCHINO, Daniele |
| 14:25 | [9] Studio dell'accoppiamento ottico di rivelatori veloci con risonatori a metamateriali selettivi alle frequenze THz | Dr. LEONI, Roberto |
| 14:50 | [16] Design and Electrical Performance of the Kinetic Inductance Detectors of the OLIMPO experiment | PAIELLA, Alessandro |
| 15:15 | [2] Imaging with a Talbot interferometer using THz radiation | MARCELLI, Augusto |