Session Program

Apr 5 – 6, 2017

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

Fundamental Physics at THz and sub-THz

Sapienza Università di Roma e Sezione INFN di Roma, Sala Lauree

Wed, April 5

4:30 PM

Fundamental Physics at THz and sub-THz

Session | **Location:** Sapienza Università di Roma e Sezione INFN di Roma, Sala Lauree | **Convener:** Stefano Lupi

4:30 – 5:00 PM

THz response of innovative materials and metamaterials, metadevices and metasurfaces

Speaker
Dr GianPaolo Papari

5:00 – 5:30 PM

Nonlinear optical effects and third-harmonic generation in superconductors: Cooper pairs versus Higgs mode contribution

Speaker
Dr Tommaso Cea

5:30 – 6:00 PM

STAX, a search for axion-like particles with sub-THz photons

Speakers
Antonio Davide Polosa, Gianluca Cavoto

6:30 PM