

## Seminars of the PhD Program “Cosmology, Space Science & Space Technologies”

Scuola Superiore Meridionale (SSM), h 14:00, Aula 1

Academic Year 2022-2023

Organizer: Dr. Rocco D'Agostino ([rocco.dagostino@unina.it](mailto:rocco.dagostino@unina.it))

- 08/11/2022: Viviana Gammaldi - *A search for dark matter among Fermi-LAT unidentified sources with systematic features in Machine Learning*
- 15/11/2022: Manuel Del Piano - *The effective theory of Quantum Black Holes*
- 22/11/2022: Matteo Califano - *Cosmology with Einstein Telescope Standard Sirens*
- 29/11/2022: Davide Usseglio - *Perturbation theory from mathematics to physics*
- 06/12/2022: Alessio Lapponi - *Quantum communication properties in curved spacetimes*
- 13/12/2022: Tobia Armando La Marca - *Spacecraft de-orbiting with an Adaptive Model Predictive Control: a free-offset approach*
- 10/01/2023: Emanuela Gaglio - *Drag-based minimum-time targeted re-entry for low Earth orbit satellites*
- 17/01/2023: Nicola Menadeo - *Effects of Spatial Curvature in the Primordial Gravitational Waves Power Spectrum*
- 24/01/2023: Qingyu Gan - *Double photon spheres in the hairy black hole*
- 07/02/2023: Guido Risaliti - *High redshift quasars: building a new standard candle*
- 21/02/2023: Emmanuele Battista - *Gravitational waves in Einstein-Cartan theory*
- 28/02/2023: Maria Grazia Di Luca - *Kappa-braided noncommutative field theory*
- 07/03/2023: Marcello Miranda - *Scalar field effective fluids in second order-theories of gravity*
- 14/03/2023: Rasmi E. H. Muñoz - *Earth tomography with supernova neutrinos at future neutrino detectors*
- 21/03/2023: Fabio Ragosta - *From kilonova data to science with Vera Rubin LSST*
- 28/03/2023: Giada Bargiacchi - *Quasars, Gamma-Ray Bursts and Supernovae Ia in Cosmology: new insights*
- 11/04/2023: Giulia Gubitosi - *Planck-scale deformations of relativistic symmetries, curved momentum space and relative locality*
- 18/04/2023: Alessia Platania - *Sifting quantum black holes through the principle of least action*
- 16/05/2023: Giulia De Somma - *The Classical Cepheids in the Gaia Era*

