Call number	SPACE_03
Research project's title	Cosmology, Space Science & Space Technologies (SPACE)
Abstract of the research project	The activity of the candidate has to be located in at least one of the following multidisciplinary research areas: i) Theoretical and Observational Cosmology, Cosmography, usee and analysis of Cosmological Data, Bayesian Inference, Knowledge of Boltzmann Solver Codes (such as CAMB and CLASS), analysis codes (CosmoMC, Monte Python and MultiNest), programming languages (Fortran, Python , C ++); ii) Fundamental Physics and Cosmology, Astroparticle Physics and Multi-messenger Astrophysics, Stellar Astrophysics, Theories of Gravitation, Neutrino Physics; iii) Aerospace and Aerodynamic Engineering, Materials Science for Extraterrestrial Environments, Extraterrestrial Telecommunications, Applied Mathematics for Celestial Mechanics and Earth Monitoring. The successful candidates will carry out their research program in tight coordination with the research staff already involved with the School activities. They will also be involved in the teaching and tutorial activity of the School, by either giving courses at PhD level or undergraduate level for the students of the School.
S.S.D.	FIS/05, FIS/02, ING-IND/04, ING-IND/05, MAT/07
Research areas	Astrophysics and Cosmology, Theoretical Physics for Fundamental Interactions, Aerospace Engineering, Aeronautical Engineering, Naval Engineering, Mathematical Physics.
Scientific coordinator	Prof. Salvatore Capozziello
Program duration	1 year, renewable up to 3
Salary	€ 35.000
Date of publication on the SSM website of the shortlist and dates of the interviews	28/03/2023
Website for information and notifications to the candidates	https://www.unissme.it/en-us/la-scuola#bandi-e-avvisi http://www.ssm.unina.it/en/postdoctoral-fellowships-calls-and-procedures/