

PROYECTO BECA INTERNACIONAL EN FRANCIA CONV. 2022

Nº	TITULO DEL PROYECTO	DIRECTOR/ES
1	"Spectrometry of the sky across a board range of frequencies"	Dr. Bruno Maffei (Univeersité Paris Saclay)

PROYECTOS BECA INTERNACIONAL EN ITALIA CONV. 2022

Nº	TITULO DEL PROYECTO	DIRECTOR/ES
1	"Exploring AGN feedback in the most powerful radio loud active galactic nuclei"	Dr. Alessandro Capetti (Osservatorio Astrofisico di Torino, Istituto Nazionale di Astrofisica)
2	"Dynamics and kinematics of the CHEX-MATE clusters"	Dr. Mauro Sereno (INAF-OAS, Astrophysics and Space Science Observatory of Bologna) Dr. Rafael Barrera Delgado (IAC)
3	"CARMA: Clusters Ages to Reconstruct the Milky way Assembly"	Dr. Davide Massari (INAF-OAS Bologna) Dr. Alessio Mucciarelli (University of Bologna) Dr. Matteo Monelli (IAC)
4	"The origin of radio emission in RQ AGN"	Dra. Francesca Panessa (IAPS/INAF)
5	"Imaging the radio Sun. Challenging Solar physics science and Space Weather applications with innovative single-dish"	Dr. Alberto Paolo Pellizzoni (INAF-Osservatorio Astronomico di Cagliari)
6	"Unveiling the star-formation and assembly history of galaxies via joint stellar population and dynamical analysis"	Dr. Stefano Zibetti (INAF-Osservatorio Astrofisico di Arcetri)
7	"Exploring the extreme Universe through gamma-ray blazars"	Dr. Fabrizio Tavecchio (Astronomical Observatory of Brera, Milano) Dra. Josefa Becerra Glez (IAC)
8	"On the nature of the ultra-diffuse galaxies in the Hydra I cluster from Integral-Field spectroscopy with MUSE"	Dra. Enrichetta Iodice (INAF-Astronomical Observatory of Capodimonte, Naples) Dr. Jesús Falcón Barroso (IAC)
9	"Structure and stellar populations of very low surface brightness galaxies"	Dr. Mauro D'Onofrio (Department of Physics and Astronomy, University of Padua)
10	"The internal dynamics of clusters of galaxies from the Weave Nearby Cluster Survey"	Dr. Andrea Biviano (INAF-Osservatorio Astronomico di Trieste) Dr. J. Alfonso L. Aguerri (IAC)

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Nº	TITULO DEL PROYECTO	DIRECTOR/ES
11	"The Cosmic Microwave Background B-mode polarization seen through the Earth's atmosphere"	Dr. Marco Bersanelli (University of Milano) Dr. J. Alberto Rubiño (IAC)
12	"Machine Learning Tools for Galaxy Clusters Paving the Way to future wide-field missions like ESA-Euclid"	Dr. Carlo Giocoli (INAF-Astrophysics and Space Observatory of Bologna)
13	"An optical view to infer the total mass of millimetre and X-Ray clusters of galaxies at intermediate-high redshift"	Dr. Marco De Petris (Dep. of Physics, Sapienza University of Rome) Dr. Antonio Ferragamo (INAF-Osservatorio Astronomico di Roma) Dr. Rafael Barrena (IAC)
14	" Dungeons & Dragons: a multifrequency perspective of radio sources and their environments"	Dr. Francesco Massaro (UniTO; INAF & INFN-TO) Dra. Almudena Prieto (IAC)
15	"Probing the accretion-ejection connection around accreting compact objects via X-ray and radio observations"	Dra. Sara Elisa Motta (Osservatorio Astronomico di Brera) Dr. Tedoro Muñoz-Darias (IAC)
16	"The Radial Acceleration Relation of Dwarf Spheroidal Galaxies"	Dr. Federico Lelli (INAF-Arcetri Astrophysical Observatory) Dra. Giuseppina Battaglia (IAC)
17	" Study of the inner discs around young stars through high spatial and spectral resolution observations"	Dr. Fabrizio Massi (INAF-Osservatorio Astrofisico di Arcetri)
18	"Unveiling the formation and evolution of massive galaxies through new stellar population models with varying abundance ratios "	Dr. Francesco La Barbera (INAF-Osservatorio Astronomico di Capodimonte) Dr. Alexander Vazdekis (IAC)
19	"Investigating the Formation of the Most Massive Structures of the Universe: the Spiderweb proto-cluster at $z \sim 2.16$ "	Dr. Alessandro Saro (INAF-University of Trieste)
20	"Unveiling the nature of extragalactic jets"	Dra. Claudia María Raiteri (INAF-Osservatorio Astronomico di Torino)
21	"Calibration of CMB B-mode experiments by observing polarized and unpolarized radio sources"	Dr. Aniello Mennella (INAF-Università degli studi di Milano) Dr. Ricardo T. Génova Santos (IAC)

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22	"StePS – unveiling the complexity of star formation in individual galaxies using WEAVE data"	Dr. Amata Mercurio (INAF-Osservatorio Astronomico di Capodimonte, Naples)
23	"Benchmark for the hunting of supernovae progenitors"	Dra. Nancy Elias-Rosa (INAF-OAPd) Dr. Sergio Simón Díaz (IAC) Dr. Ignacio Negueruela (Univ. Alicante)
24	"Evolved stars in star clusters: the Gaia-LSST treasury"	Dra. Paola Marigo (Dpto. Fisica e Astronomia, Univ. Di Padova)
25	"Angular redshift fluctuations for line intensity mapping surveys "	Dr. Stefano Camera (University of Turin & INAF-OATo) Dr. Carlos Hdez-Monteagudo (IAC)
26	"Simulations of cluster formation and evolution"	Dra. Elena Rasia (INAF-Observatory of Trieste)
27	"High Angular Resolution measurements of Anomalous Microwave Emission"	Dr. Elia Stefano Battistelli (Univ. De Roma-INAF)
28	"On the origin of the mass-loss mechanism in low mass giant stars"	Dr. Sergio Cristallo (INAF-Osservatorio Astronomico d'Abruzzo) Dr. Lucio Crivellari (IAC& INAF-Osservatorio)