

PROYECTOS BECA INTERNACIONAL EN ITALIA CONV. 2021

Nº	TITULO DEL PROYECTO	DIRECTOR/ES
1	"The missing satellites problem: a failure of the Λ CDM model?"	Dr. Mauro D'Onofrio (Universidad de Padova)
2	"Trinity: A compact telescope for ultra high energy neutrino in the Canarias"	Dr. Michele Doro (Universidad de Padova)
3	"Exploring the extreme Universe through gamma-ray blazars"	Dr. Fabrizio Tavecchio (Astronomical Observatory of Brera, Milan) & Dra. Josefa Becerra (IAC)
4	"On the nature of the ultra-diffuse galaxies across different environments"	Dra. Enrichetta Iodice (Astronomical Observatory of Capodimonte, Nápoles) & Dr. Jesús Falcón (IAC)
5	"Open Cluster through the eyes of WEAVE: Disruption of open clusters and contribution of the Galactic disk"	Dr. Ricardo Carrera y Dra. Antonella Vallenari (Osservatorio Astronomico di Padova)
6	"Tidal Dwarf Galaxies – Formation, dynamics, and evolution"	Dr. Federico Lelli (Arcetri Astrophysical Osservatory, Florencia) & Dra. Arianna Di Cintio (IAC)
7	"The Radial Acceleration Relation of Dwarf Spheroidal Galaxies"	Dr. Federico Lelli (Arcetri Astrophysical Osservatory, Florencia) & Dra. Giuseppina Battaglia (IAC)
8	"Digging into chemical tagging with open clusters"	Dra. Laura Magrini (Osservatorio Astrofisico di Arcetri, Florencia)
9	"Simulating galaxy properties for an optimal scientific exploitation of the Euclid Surveys"	Dr. Micol Bolzonella & Dra. Lucia Pozzetti (OAS, Bologna)
10	"Characterizing the building blocks of the Milky Way using globular clusters"	Dr. Davide Massari (OAS Bologna) Dr. Alessio Mucciarelli (Univ. Bologna) & Dr. Matteo Monelli (IAC)
11	"Calibrating the measurements of black hole mass and accretion disk luminosity"	Dr. Luigi Foschini (Brena Astronomical Observatory) Dr. Stefano Ciroi & Dra. Elena Bonta (Universidad of Padova)

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12	"On the Origin of the mass-loss mechanism in low mass giant stars"	Dr. Sergio Cristallo (Osservatorio Astronomico d'Abruzzo) & Dr. Lucio Crivellari (IAC)
13	"Machine learning techniques for the analysis of extragalactic deep surveys"	Dr. Emilio Merlin (OAR); Dr. Marco Castellano (OAR) & Dr. Marc Huertas-Company (IAC)
14	"Unveiling the nature of extragalactic jets"	Dra. Claudia Maria Raiteri (Osservatorio Astrofisico di Torino) & Dr. José Antonio Acosta Pulido (IAC)
15	"StePS – unveiling the complexity of star formation in individual galaxies using WEAVE data"	Dra. Angela Lovino (Osservatorio Astronomico di Brera)
16	"Stellar population models with varying abundance ratios to reveal the stellar population content of massive galaxies"	Dr. Francesco La Barbera (Osservatorio Astronomico di Capodimonte); Dr. Alexander Vazdekis & Dr. Carlos Allende (IAC)
17	"Living around active stars"	Dr. Alfio Bonanno & Dr. Enrico Corsaro (Osservatorio Astrofisico di Catania)
18	"Benchmark for the hunting of supernovae progenitors"	Dra. Nancy Elías de la Rosa (Astronomical Observatory of Padova)
19	"The Assembly of Milky Way-like galaxies"	Dr. Enrico M ^a Corsini (Osservatorio Astronomico di Padova) & Dr. Jairo Méndez Abreu (IAC)
20	"High Angular Resolution measurements of Anomalous Microwave Emission"	Dr. Elia Stefano Battistelli (Sapienza University of Rome); Dr. Matteo Muja (Osservatorio Astronomico di Cagliari); Dr. Ricardo Genova-Santos & Dr. Mike Peel (IAC)

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21	"Unveiling the star-formation and assembly history of galaxies via joint stellar population and dynamical analysis"	Dr. Stefano Zibetti (Osservatorio Astrofisico di Arcetri)
22	"Machine Learning Tools for Galaxy Clusters: Paving the Way to future wide field missions like ESA-Euclid"	Dr. Carlo Giocoli (Astrophysics & Space Science Observatory of Bologna)
23	"Dynamics and kinematics of CHEX-MATE clusters"	Dr. Mauro Sereno (Astrophysics & Space Science Observatory of Bologna) y Dr. Rafael Barrera Delgado (IAC)
24	"Unraveling the 3-dimensional vision of the Star Formation History of the Universe up to Cosmic Noon"	Prof. Giulia Rodighiero (University of Padova) y Dr. Helmut Dannerbauer (IAC)
25	"Stellar populations, dynamical properties and fundamental relations of early-type galaxies across cosmic time"	Dr. Paolo Saracco (Osservatorio Astronomico di Brera, Milán)
26	"Multiwavelength studies of binary millisecond pulsars"	Dr. Paolo D'Avanzo (Osservatorio Astronomico di Brera, Milán)
27	"Small planet inside & out: bringing TESS planetary systems to the next level with CHEOPS, HARPS, and Gaia"	Prof. Davide Gandolfi (University of Torino)