

PROYECTO BECA INTERNACIONAL EN FRANCIA CONV. 2022

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

PROYECTOS BECA INTERNACIONAL EN ITALIA CONV. 2022

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| 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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| 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, Napoles) |
| 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 Asronomia, 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 te mass-loss mechanism in low mass giant stars" | Dr. Sergio Cristallo (INAF-Osservatorio Astronomico d'Abruzzo) Dr. Lucio Crivellari (IAC& INAF-Osservatorio) |