

## TABLA PROYECTOS APROBADOS BV 2024 / PROJECTS FOR SUMMER STUDENTS 2024

Nº	TITULO DEL PROYECTO	DIRESTOR/ES
1	"Deep probing of umbral magnetoconvection"	Dr. Tobías Felipe García y Dr. Juan Carlos Trelles Arjona
2	"Cosmology with Machine Learning at the Field Level"	Dr. Francisco-Shu Kitaura
3	"Cosmic Brain on the sky"	Dr. Francisco-Shu Kitaura y Dr. Aurelio Carnero Rosell
4	"Deriving the Initial Mass Function of the Milky Way field stars within 100 pc of the Sun"	Dra. Carme Gallart; Dra. Emma Fernández-Alvar y Dra. Anna B. Queiroz.
5	"Observing the formation of the Milky Way with the James Webb Space Telescope"	Dr. Ignacio Martín Navarro; Dra. Adriana de Lorenzo-Cáceres Rodríguez y Dra. Begoña García Lorenzo
6	"The motions of Local Group dwarf galaxies in the fourth data release of the Gaia mission"	Dra. Giuseppina Battaglia y Dr. Guillaume Thomas
7	"Disentangling Host and Nuclear Spectra in type-IAGN through an Innovative Approach for Integral Field Spectroscopy"	Dra. Donaji Esparza-Arredondo y Dra. Begoña García Lorenzo
8	"Impact of instrument systematics in foreground cleaning algorithms of CMB"	Dr. Debabrata Adak, Dr. Ricardo T. Génova-Santos
9	"Spatial and spectral variation of Synchrotron spectral index"	Dr. Debabrata Adak, Dr. Ricardo T. Génova-Santos
10	"Integral-field spectroscopy analysis of galactic centers with MEGARA at GTC"	Dr. Francesca Pinna
11	"Photometry of Supernovae"	Dr. F. Poidevin y Dr. Ismael Perez Fournon.
12	"Deciphering the Cosmic Eyebrow: Spectral Analysis of an Ultra-bright Submillimetre Galaxy"	Dr. Jose Manuel Perez Martinez y Dr. Helmut Dannerbauer
13	"Development of a High-Resolution Spectral Library in the H-band for Elemental Abundance Studies in Galaxies Using APOGEE Survey"	Dra. Elham Eftekhari; Dr. Alejandro Vazdekis y Dra. Anna Ferre-Mateu
14	"Galactic archaeology: Understanding the formation of stellar structures in galaxies via 2D photometric decompositions"	Dr. Sébastien Comerón; Dr. Johan Knapen y doctorando Pablo M. Sánchez Alarcón