

1.1 PAU Survey validation

1. Comparing photometric and spectroscopic redshifts
2. Checking the completeness in the number of filters
3. Parent spectroscopic survey: CFHTLS and CFHTLenS. Analysis of the best definition of radius to be used for the forced photometry in the W3 field.
4. Analysis of any potential BIAS due to the Star-galaxy separation.
5. Building an empirical relation for the BPT diagram to help the Photo-z code retrieving more reliable redshifts.

1.2 PAU Survey observational run 18-25/03/2018

1. Telescope settings: calibrating Bias/Dark/Flat Field
2. Observation of galaxies in W1 and W3 fields.

1.3 Procter & Gamble - 2 month team project

1. Optimization of the density of the laundry powder adapting the LASSO technique in an innovative way in order to fit the data minimising the number of parameters.

1.4 Workshop Emission Line Galaxies (Teruel - Spain)

1. Presentation of my master project on the evolution of the colour-magnitude relation using the VIPERS spectroscopic data.

1.5 GALFORM

1. Trying to run GALFORM turning the AGN feedback on and off in order to get constraints on the quenching of star-formation in galaxies. The results might help in the publication of a paper related to my master project.