



PROGRAM

MONDAY 2nd DECEMBER 2019

09:00 Registration desk open
 10:00 -- 10:30 Welcome
 10:30 -- 11:00 Institutional Opening

11:00 -- 11:30 *Coffee break*

Introduction to JPAS-Pathfinder data

11:30 -- 12:00 J-PAS Institutional opening
 12:00 -- 12:30 **Silvia Bonoli & Renato Dupke** : "The first J-PAS sq.degree"
 12:30 -- 13:00 **Antonio Marín-Franch** : "Observatorio Astrofísico de Javalambre"
 13:00 -- 13:30 **Héctor Vázquez Ramió** : "J-PAS observations of the Extended Groth Strip"

13:30 -- 15:30 *Lunch*

On the data + photo-z

15:30 -- 16:00 **Jesús Varela** : "Challenges of the J-PAS data processing"
 16:00 -- 16:30 **Carlos López-Sanjuan** : "J-PAS photometric calibration"
 16:30 -- 16:50 **Antonio Hernán Caballero** : "J-PAS photometric redshifts"
 16:50 -- 17:10 **Antti Tamm** : "TOPz - photometric redshift estimator dedicated to J-PAS data"

17:10 -- 17:45 *Coffee break*

"Synergies" session - 1

17:45 -- 18:15 **Gigi Guzzo** - Euclid cosmology
 18:15 -- 18:45 **Josep Manel Carrasco** - Gaia -- J-PAS synergies
 18:45 -- 19:15 **Tom Oosterloo** - Multi-wavelength science with Apertif

TUESDAY 3rd DECEMBER 2019

Data access

09:30 -- 09:45

Tamara Civera : "The J-PAS catalogue web portal"

09:45 -- 10:15

Javier Hernández : "J-PAS data access tutorial"

MW Science

10:15 -- 10:30

Nacho Sevilla : "Star/galaxy classification with multi narrow-band data"

10:30 -- 10:45

M. A. Guerrero : "J-PAS Prospects on Evolved Planetary Systems"

10:45 -- 11:00

Haibo Yuan : "Calibration of J-PLUS Survey to a few mmag precision and implications "

11:00 -- 11:30

Coffee break

Clusters and Cosmology

11:30 -- 11:50

Renato Dupke : "Insights on galaxy clusters formation evolution with J-PAS"

11:50 -- 12:10

Tom Broadhurst : "Cluster Bias and Neutrinos"

12:10 -- 12:30

Carlos Hernandez-Montegudo : "Cosmological strategies for J-PAS"

12:30 -- 12:50

Francisco Prada : "The J-PAS Large Scale Structure Program"

12:50 -- 13:10

Antonio Maroto : "J-PAS: forecasts on dark energy and modified gravity theories"

13:10 -- 15:00

Lunch

Galaxy Evolution

15:00 -- 15:30

Rosa González : "J-PAS a survey for galaxy evolution: Results from the AEGIS Pathfinder data"

15:30 -- 15:45

Cristina Cabello : "Studying the properties of low-mass star-forming galaxies at $z \sim 1$. How can J-PAS be useful here?"

15:45 -- 16:00

Ginés Solaeche : "Detection and measurements of emission lines in J-PAS survey with Neural Networks"

16:00 -- 16:15

Jorge Iglesias Páramo : "Understanding the evolution of XELGs with J-PAS"

16:15 -- 16:30

Alejandro Lumbreras Calle : "Emission line galaxies in SHARDS (and beyond)"

16:30 -- 16:45

David Izquierdo : "J-PAS mocks"

16:45 -- 17:15

Coffee break

"Synergies" session - 2

17:15 -- 17:45

Scott Trager - WEAVE (REMOTE)

17:45 -- 18:15

Olivier Dore - Spherex (REMOTE)

18:15 -- 18:45

Jarle Brinchmann - Euclid galaxy evolution

20:30

Conference Dinner

WEDNESDAY 4th DECEMBER 2019

High-z universe

- 09:30 -- 09:45 **Daniele Spinoso** : "Lyman alpha emitters in J-PLUS"
09:45 -- 10:00 **Carolina Queiroz** : "Selecting quasars with multiple colors: the mini-JPAS as a test case"
10:00 -- 10:15 **Silvia Bonoli** : "Quasars properties with J-PAS"

Morphology and surface fluctuations

- 10:15 -- 10:30 **Arianna Cortesi** : "Color variations of morphological parameters: the importance of small differences"
10:30 -- 10:45 **Alexandre Vazdekis**: "Surface Fluctuations to unveil the first stages in galaxy formation"
10:45 -- 11:00 **Pablo Rodriguez** : "J-PAS based Surface Brightness Fluctuations: unveiling radial gradients metal-poor components"

11:00 -- 11:30 *Coffee break*

"Synergies" session - 3

- 11:30 -- 12:00 **Matthew Pieri** - The WEAVE-QSO survey
12:00 -- 12:30 **Andrea Merloni** - eRosita (REMOTE)
12:30 -- 13:00 **Christopher Willmer** - Deep Surveys with JWST

13:00 -- 15:00 *Lunch*

15:00 -- 16:30 **Silvia Bonoli & Renato Dupke** - An outlook to J-PAS: Final Discussion and Concluding Remarks

16:30 - 17:00 *Coffee break*

17:00 - 19:00 **J-PAS internal meeting**

THURSDAY 5th DECEMBER 2019

9:00 - 13:30 **J-PAS internal meeting**