

## Program for XVIII J-PAS meeting

All times shown correspond to the local time in Teruel (European Central Time; UTC+1)  
Last updated: Dec 15, 2022 11:47

Online talks are indicated in [blue color](#)

### Monday

15:00-15:25 Javier Cenarro + Antonio Marín Welcome + Institutional opening

J-PAS status update - Chair: Alberto Fernández Soto

15:25-15:45 Silvia Bonoli + Renato Dupke Science with miniJPAS

15:45-16:15 Héctor Vázquez Ramió JPCam commissioning status

16:15-16:30 Alberto Moreno Signes Analysis of JPCam calibration frames and getting ready the reduction of J-PAS

16:30-17:00 Coffee break

J-PAS status update - Chair: Alberto Fernández Soto

17:00-17:30 Alessandro Ederoclite J-PAS Survey Strategy

17:30-18:00 Rosa González-Delgado Footprint and Seeds for J-PAS

18:00-19:00 SWG meetings (LSS group) **postponed to Tuesday (lunch break)**

### Tuesday

J-PLUS session - Chair: Helena Domínguez

10:00-10:20 Carlos López-Sanjuan J-PLUS Third Data Release

10:20-10:45 [Kai Xiao](#) [Recalibration of the J-PLUS DR3 photometry with LAMOST and Gaia](#)

10:45-11:00 Carlos Hernández Monteagudo Update of systematics and clustering in J-PLUS DR3

11:00-11:15 [Alejandro Lumbreras-Calle](#) [Extreme emission line galaxies in J-PLUS: main results and lessons learned for J-PAS](#)

11:15-11:30 [Pedro Mas Buitrago](#) [Identification of ultracool dwarfs in J-PLUS DR2 using Virtual Observatory tools and machine learning techniques](#)

11:30-12:00 Coffee break

J-PAS Science block 1 - chair: Siddhartha Gurung López

12:00-12:15 [Antonio Arroyo Polonio](#) [Searching for extreme emission line galaxies in JPAS](#)

12:15-12:30 Carolina Queiroz Classification and photo-zs for miniJPAS quasars

12:30-12:45 Ignasi Pérez-Ràfols Quasar identification in J-PAS

12:45-13:00	Andrés del Pino Molina	J-BANNGs: Accurate object classification for the J-surveys
13:00-15:15	Lunch break (meeting of LSS group)	
J-PAS Science block 2 - chair: Pablo Arnalte-Mur		
15:15-15:45	Matthew Pieri	The WEAVE-QSO Survey
15:45-16:00	Raul Abramo	Cosmology with quasars in J-PAS: a review
16:00-16:15	Rodrigo von Martens	J-PLUS: Galaxy-Star-Quasar classification for DR3
16:15-16:30	Jorge M. Carvano	Reflectance spectra and partial light curves from asteroid detection from J-PLUS observations
16:30-17:00	Coffee break	
J-PAS Science block 3 - chair: Mohammad Akhlaghi		
17:00-17:15	Arianna Cortesi	A catalogue of morphological parameters for ~2000 galaxies in the AEGIS field
17:15-17:30	Leonardo Vieira Costa	Galaxy shape measurements methods for the J-PAS survey
17:30-17:45	Rosa González Delgado	Characterization of the galaxy populations in J-NEP
17:45-18:00	Nischal Acharya	miniJPAS: The 2D properties of X-ray AGNs in the local universe
18:00-19:00	SWG meetings (ECR group, Galaxy Evolution+Clusters)	

### Wednesday

10:00-11:30	Updates from SWGs and ECR group - chair: Silvia Bonoli	
11:30-12:00	Coffee break	
J-PAS Science block 4 - chair: Mohammad Akhlaghi		
12:00-12:15	Jiashuo Zhang	Extracting SEDs with GNU Astronomy Utilities
12:15-12:30	Siddhartha Gurung Lopez	A song of Noise/Signal: The faintest sources of miniJPAS
12:30-12:45	Sepideh Eskandarlou	Extended Point Spread Function in multi-color and its automatic subtraction
12:45-13:00	Julio Esteban Rodríguez Martín	Py2DJPAS: a tool to study the spatially resolved stellar populations properties of the galaxies in J-PAS
13:20-13:25	Group photo	
13:25-15:00	Lunch break	
J-PAS Science block 5 - chair: Andrés del Pino		
15:00-15:15	Jeremy Lim	Merger Impact on Thermodynamical State of Galaxy Clusters and Growth of their Central Galaxies
15:15-15:30	Natália Villa Nova Rodrigues	Reproducing central galaxy properties with IllustrisTNG
15:30-15:45	Eduardo Cypriano	The J-PAS place on Galaxy Cluster Abundance studies

15:45-16:00	Alberto Torralba Torregrosa	Looking for Lyman-alpha Emitters in the J-PAS pathfinder surveys
16:00-16:15	Irene Pintos-Castro	A cluster finder algorithm for J-PLUS and J-PAS
16:15-16:30	<a href="#">Andrés Balaguera</a>	<a href="#">Plans on mock catalogs with learning methods</a>
16:30-17:00	Coffee break	
J-PAS Science block 6 - chair: Patricia Cruz		
17:00-17:15	Paula Coelho	The sensitivity of J-PAS filters to elemental abundances in stars
17:15-17:30	<a href="#">John Fabio Aguilar</a>	<a href="#">Characterisation of stellar atmospheric parameters with photometric colors: from J-PLUS to J-PAS</a>
17:30-17:45	<a href="#">Vinicius Placco</a>	<a href="#">The miniJPAS survey: Stellar atmospheric parameters from 56 optical filters</a>
17:45-18:00	<a href="#">Pedro Lopes</a>	<a href="#">The quest for the lost GCs: The study of Globular Clusters in three nearby galaxies</a>

20:45-	Conference Dinner at Mesón del Óvalo	
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Thursday		
10:00-11:45	Survey Strategy discussion - chair: Renato Dupke	
11:45-12:15	Coffee break	
J-PAS Science block 7 - chair: Irene Pintos		
12:15-12:30	<a href="#">Andras Kovacs</a>	<a href="#">Cosmic voids in the J-PAS survey: prospects for CMB cross-correlation measurements</a>
12:30-12:45	<a href="#">Gongbo Zhao</a>	<a href="#">Cosmological implications of large galaxy surveys</a>
12:45-13:00	Pablo Arnalte-Mur	J-PAS galaxy mocks for large-scale structure studies
13:00-15:00	Lunch break	
J-PAS synergies session - chair: Alberto Fernández Soto		
15:00-15:30	Matthew Malkan	Observing Cosmic Evolution of Dust from Space: From Akari to JWST
15:30-16:00	<a href="#">Rolf Jansen</a>	<a href="#">The JWST North Ecliptic Pole Time Domain Field: HST and JWST observations</a>
16:00-16:30	<a href="#">Christopher Willmer</a>	<a href="#">The North Ecliptic Pole Time Domain Field: NIR imaging and Visible Spectroscopy</a>
16:30-17:00	Coffee break	
17:00-17:30	<a href="#">Andrea Merloni</a>	<a href="#">Early Results from the eROSITA X-ray All-sky survey</a>
17:30-18:00	<a href="#">Josep Manel Carrasco</a>	<a href="#">Gaia/Javalambre synergies</a>

18:00-18:30 Final remarks