



PRELIMINARY CONFERENCE PROGRAM (6th August)

Day 1 - Monday - Oct 5th			
Session I - Understanding Cosmic Structure at High Redshift			
9:20	Invited	Rita Tojeiro	An unprecedented view of the Universe with DESI
9:55	Contributed	Laura Scholz-Diaz	A wide-field dedicated spectroscopic facility to unveil the co-evolution of galaxies and the cosmic web up to $z=1$
10:15	Contributed	Jun Toshikawa	Diverse Protoclusters Disclosed by Systematic Observations
10:35	Contributed	Rosa Calvi	Tracing Environmental Effects through CO Emitters in a $z\sim 2.2$ Protocluster
10:55	Coffee Break		
Session II - Understanding the Milky Way in the Gaia Era			
11:30	Invited	Antonella Vallenari	Gaia
12:05	Contributed	Subha Majumdar	Mapping the Milky Way in Six Dimensions: A contiguous, homogenised, phase-space GAIA gold catalogue up to 250 kpc
12:25	Contributed	Nayara Isabelle Feliciano Souza	Orbital parameters for 50 million stars observed by Gaia and spectroscopic surveys
12:45	Contributed	Yang Huang	A Photometric Revolution in Galactic Archaeology — Unlocking the Milky Way with ~100 Million Stars
13:05	Lunch Break		
Session III - Understanding Clustering through the Cosmic Web			
14:30	Invited	Lourdes Verdes Montenegro	Celebrating the Survey Universe in the SKA Observatory Era
15:05	Contributed	Jacobo Asorey Barreiro	Cosmology with the SKA Observatory: clustering from precursor extragalactic radio surveys
15:25	Contributed	Diana Carolina Zapata Zuluaga	Identification of structures in the Universe through quasar clustering
15:45	Contributed	Andrea Biviano	The velocity anisotropy of clusters of galaxies and their assembly history
16:05	Coffee Break		
Session IV - Understanding Galaxy Evolution through the Cosmic Web			
16:30	Invited	Anna Porredon	Exploring the Dark Universe with Euclid
17:05	Contributed	Giulia Papini	Galaxy evolution within cosmic voids in Euclid-like simulations and first data
17:25	Contributed	Rosa María González Delgado	Galaxy Evolution through cosmic web: the legacy surveys approach
17:45	Contributed	Ana María Conrado	The void effect on galaxy evolution: insights from CAVITY and DESI

Day 2 - Tuesday - Oct 6th			
Session V - Understanding Observational Cosmology			
9:00	Invited	Jonás Chaves	Cosmology with DESI: Cracks in Λ CDM?
9:35	Contributed	Enrico Maraboli	Gravitational redshift impact in galaxy cluster analysis: from surveys to single clusters

9:55	Contributed	Swaraj Pradhan	Towards Bayesian Photometric Cosmic Chronometers
10:15	Contributed	Mar Pérez Sar	The cosmological potential of Cosmic Voids via Angular Redshift Fluctuations
10:35	Poster Presentation - Session I		
10:55	Coffee Break		
Session VI - Understanding the Milky Way & the Local Group			
11:30	Contributed	Borja Anguiano	J-ATLAS: Javalambre Andromeda and Triangulum Legacy Astrophysical Survey
11:50	Contributed	Alice Mori	Chemical decoding the Galactic halo through large-scale local surveys
12:10	Contributed	Adrián Hidalgo	Milky Way archaeology with J-PLUS DR4: stellar parameters from a purely algebraic photometric method
12:30	Poster Presentation - Session II		
13:05	Lunch Break		
Session VI - Understanding the Universe through Large Spectroscopic Surveys			
14:30	Invited	Scott Trager	WEAVE: surveying the Milky Way and the Universe with the ING's next-generation spectroscopic survey facility
15:05	Contributed	J. Alfonso L. Aguerri	WEAVE Cluster Surveys: Science Verification first results
15:25	Contributed	Maria del Carmen Argudo-Fernández	Synergies Between Large-Scale Spectroscopic and Radio Surveys for the Study of Galaxy Evolution in Extreme Environments
15:45	Contributed	Jordi Cepa	The Lockman SpReSO survey
16:05	Coffee Break		
Session VII - Understanding the Universe through SDSS and Large Photometric Surveys			
16:30	Invited	Carlos Allende	The Sloan Digital Sky Survey
17:05	Contributed	Héctor Vázquez Ramió	The J-PAS Extended Early Data Release
17:25	Contributed	Juan Antonio Fernández Ontiveros	JOLINES: A value-added catalogue of optical line intensities for nebular emission galaxies
17:45	Contributed	Ignacio Sevilla Noarbe	Optical-infrared survey synergies in the Rubin era

Day 3 - Wednesday - Oct 7th			
8:00	Bus Teruel - Galáctica		
Session VIII - Understanding the Variable Universe			
9:40	Invited	Tesla Jeltema	The Vera C. Rubin Observatory's Legacy Survey of Space and Time: Overview and Early Science
10:15	Contributed	Alessandro Ederoclite	Time-Domain Wide-Field Surveys: the Paradigm Switch of the Discovery Machines
10:35	Contributed	José David Balseca Cisneros	MOSS: A Multi-Epoch Survey Strategy for Detecting Slow-Moving Bodies in the Outer Solar System
10:55	Coffee Break		
Session IX - Understanding Galaxy Clusters & Environment			
11:30	Invited	Magda Arnaboldi	The ESO public surveys: An overview of the current and future plans and of the surveys' scientific legacy
12:05	Contributed	Christopher Haines	CHANCES: The CHileAN Cluster Galaxy Evolution Survey
12:25	Contributed	Ariane Trudeau	Harnessing the statistical power of large surveys: two stacking analyses of the MaDCoWS2 galaxy clusters at 0.5
12:45	Contributed	Chengpeng Zhang	From Pre-processing to Ram Pressure Stripping: New Insights into Satellite Galaxy Evolution from Large-area Surveys
13:05	Lunch Break		
14:30	Visit to Galactica		
16:00	Visit to the OAJ		
18:30	Bus OAJ - Teruel		

Day 4 - Thursday - Oct 8th			
Session X - Understanding the contribution of Mariano Moles (I)			
9:00	Special	Javier Cenarro	A Legacy of Legacy Surveys: Mariano Moles and the CEFA Vision
9:25	Special	Silvia Bonoli	J-PAS: the sky in multicolor
9:45	Special	Carlos López San Juan	J-PLUS: the Javalambre Photometric Local Universe Survey
10:05	Invited	Isabel Márquez	Exploring the universe from the ALHAMBRA
10:30	Invited	Alessia Moretti	A Comprehensive Census of the Local Cluster Universe: The WINGS/OmegaWINGS Legacy
10:55	Coffee Break		
Session X - Understanding the contribution of Mariano Moles (II)			
11:30	Contributed	Vicent J. Martínez	Mariano Moles and the search of two numbers
11:50	Other contributions		
13:05	Lunch Break		
Session XI - Understanding the Universe at different Wavelengths and Scales			
14:30	Invited	Mara Salvato	eROSITA contribution to MW, COSMOLOGY and Galaxy/AGN evolution studies
15:05	Contributed	Emily Kerrison	The First Large Absorption Survey in HI (FLASH): A new radio census of neutral gas beyond the local Universe, and a treasure trove for multi-wavelength studies of galaxy evolution
15:25	Contributed	David Martínez-Delgado	Extragalactic Stellar Streams Surveys as Cosmological Diagnostics
15:45	Contributed	Sara Navarro Umpiérrez	Mini-HAWKS: A pilot survey designed to discover new quiescent black holes.
16:05	Coffee Break		
Session XII - Understanding Methodologies for Cosmological Probes			
16:30	Contributed	Carlos Hernández Monteagudo	Angular redshift fluctuations (ARF): a turbulent cosmological observable
16:50	Contributed	Finian Ashmead	Optimizing Photometric Redshift Training Sets with UMAP
17:10	Contributed	Tommaso Ronconi	Painting realistic skies: empirical recipes for the galaxy-halo connection to derive data-driven full-sky simulations for next-generation surveys
17:30	Contributed	Raul Abramo	Measurement of the Hubble constant from the cross-correlations of galaxies and dark sirens
20:00	Conference Dinner		

Day 5 - Friday - Oct 9th			
Session XIII - Understanding Resolved Stellar Populations and the Low Surface Brightness Universe			
9:00	Invited	Olivier Doré	SPHEREx
9:35	Contributed	Enrichetta Iodice	Unveiling the faintest side of the Universe: discoveries, structure and open issues on ultra-diffuse galaxies
9:55	Contributed	Luis Diaz-Garcia	Galaxy evolution at the advent of J-PAS: stellar population properties up to $z \sim 1$
10:15	Contributed	Julio Esteban Rodríguez Martín	Spatially Resolved Galaxy Evolution with J-PAS and Py2DJPAS
10:35	Contributed	Marilena Spavone	Mapping Galaxy Assembly through Stellar Halos and Intracluster Light in the Era of Deep Surveys
10:55	Coffee Break		
Session XIV - Understanding Chemical Evolution of Galaxies			
11:30	Contributed	Stefano Zibetti	Linking metals to stellar-mass growth on local and galaxy-wide scales: the many faces of the stellar mass-metallicity relation from large spectroscopic surveys
11:50	Contributed	Maria Koller	Dissecting the key drivers of gas-phase metallicity using large spectroscopic surveys
12:10	Contributed	Carmen P. Padilla-Torres	The OTELO survey: The evolution of galaxies.
12:30	Concluding Remarks		
13:05	Lunch		