*** XV ESTALLIDOS WORKSHOP PROGRAM ***

Carmen de la Victoria (Albaicín, Granada)

23 - 25 March 2026

-> MONDAY March 23

15:00 Registration.

15: 20 Welcome. Jorge Sánchez, Miguel Cerviño, Salvador Duarte, Pepe Vílchez

Session 1. Stellar Libraries and Tools

15:40 Iker Millán: HR-PYPOPSTAR: III. Optical, ultraviolet and infrared emission-line spectra from ionised nebulae

16:00 Esperanza Carrasco Licea: MEGARASTAR II

16:20 Mercedes Mollá: Updating the grid of chemical evolution models

16:40 COFFEE BREAK

17:20 Enrique Pérez-Montero: Strong-Line Sulphur Abundances in MaNGA: Insights from HII- CHI-mistry and DIG-Corrected Diagnostics

Session 2. Milky Way & High Metallicity Studies

17:40 Sandra Zamora: When Metallicity Breaks the Rules: Insights from the High-Metallicity Frontier

18:00 ** END OF DAY **

-> TUESDAY March 24

09:20 Asier Castrillo: Super-solar metallicity gradient in MUSE galaxies

09:40 Ruben Fedriani: The Milky Way at JWST Resolution: Our Closest Extragalactic Analogue

Session 3. EELGs, Local Analogues and Environment

10:00 Francisco Javier Saez: Warm and cold molecular gas in the low-metallicity blue compact dwarf galaxy Mrk996

10:20 Sally Oey: Physics of the local analog Mrk 71 and extreme emission-line galaxies from the LzLCS survey

10:40 Ricardo Amorín: XTREM: a new statistical sample of local analogs to JWST reionization galaxies

11:00 COFFEE BREAK

11:40 Jose M. Vílchez: On the Metal Content and Ionization Properties of Star-Forming Galaxies

12:00 Antonio Arroyo Polonio: Not So Isolated: Green Pea Galaxies in Overdense Environments revealed by VLT/MUSE.

12:20 Mauro Gonzalez Otero: Exploring the connection between environment and the triggering of bursty star formation in EELGs

12:40 Yolanda Jimenez Teja: Intracluster light as the other side of galaxy evolution

13:00 Maria del Carmen Argudo: Galaxy evolution in cosmic voids and isolated environments

13:20 LUNCH BREAK

Session 3. Abundances, High-z Galaxies and HeII Emitters

15:00 Igor Zinchenko: Direct electron temperature measurement in [OII] zone in IZw18.

15:20 Carolina Kehrig: On the high-ionization problem in local analogues to reionization-era galaxies

15:40 Sabyasachi Goswami: On the detection of Population III galaxies: Emission Line Diagnostics for Hybrid Stellar Populations

16:00 COFFEE BREAK

16:40 Raul González Díaz: He II – Lyα emitters at cosmic noon and beyond: Characterising the 2D extended line emission of He II λ1640 and Lyα emitters

17:00 Antonio Giménez Alcázar: Constraining the Shape and Scatter of the MZR at High Redshift with JWST Direct Abundances

17:20 Karla Arellano: Tracing the Chemical Evolution of Galaxies with CNO Abundances: New Constraints at $z > 6$

17:40 DISCUSSION I

18:40 ** END OF DAY **

-> WEDNESDAY March 25

09:20 Polycronis Papaderos: On the challenge of interpreting color maps of high-z starburst galaxies with JWST and Euclid

Session 4. Monsters and AGNs

09:40 Casiana Muñoz-Tuñón: Starbursts, Extreme Starbursts (Xtreme), feedback and Sergiy Silich

10:00 Sergio Martinez Gonzalez: From Blue Monsters to dusty galaxies: supernova blowout and the early evolution of dust retention

10:20 Itziar Aretxaga: EGS850.021: a z=1.04 submillimeter galaxy with an emerging AGN

10:40 COFFEE BREAK

11:20 Jorge Sanchez Almeida: The intra-history of a "runaway supermassive black hole" that happens to be a galaxy

11:40 Jyoti Davav: A Search for Double-Peaked Hα Signatures of Wandering Intermediate-Mass Black Holes in the MUSE Extremely Deep Field

12:00 DISCUSSION II + ESTALLIDOS 8 PROJECT UPDATES

13:40 ** END OF THE WORKSHOP IN CARMEN DE LA VICTORIA **

*** HANDS-ON MEETING - ESTALLIDOS PROJECT ***

Instituto de Astrofísica de Andalucía (CSIC)
Sala de Juntas

26 - 27 March 2026

9:30 – 18:30