

Understanding HII Regions and Star Clusters as building blocks of galaxy evolution Schedule

Talks

Monday 09h00-10h30

09h00: Using Nearby resolved H II Regions to Decode High-Redshift Galaxies (Invited) (*Ana Monreal Ibero*)

09h30: Nitrogen Enhancement is in the Eye of the Beholder: Lingerin H II Regions Lighting up High Redshift Galaxies (*Alessandro Angrilli Muglia*)

09h45: Comparing integrated and spatially-resolved HII-region metallicities in galaxy evolution simulations using synthetic spectra (*Rob Yates*)

10h00: Direct-method metallicity gradients derived from spectral stacking with SDSS-IV MaNGA (*Amir H. khoram*)

10h15: Interactions between HII regions and magnetic fields in the Milky Way and beyond (*Ben Wakefield*)

Monday 14h15-15h45

14h15 HIIReg0021: Title TBC (Invited) (*Ethan Taylor*)

14h45 HIIReg0015: Introducing AuriGLOBES: the Auriga GLOBular clustEr Simulations and the stellar streams from their disruption (*Pablo Daniel Contreras Guerra*)

15h00 HIIReg0010: Globular cluster chemistry inherited from the interstellar medium of the first galaxies (*Will McClymont*)

15h15 HIIReg0003: Identifying and Characterising Star-Forming Clumps using Euclid H α Emission Line Maps (*Andrea Henderson de la Fuente*)

15h30 HIIReg0007: A Comprehensive Study of M81 Group Globular Clusters With Euclid (*Veronika Dornan*)

Monday 16h15-17h45

16h15 HIIReg0018: Star cluster formation across cosmic time: a universal process in evolving environments? (Invited) (*Matteo Messa*)

16h45 HIIReg0002: Characterising the Dynamic ISM and the Bursty Star Formation in a Highly Lensed Complex System at $z=10.17$ with NIRSpec/IFU (*Robert Pascalau*)

17h00 HIIReg0006: Stochastically Sampling Star Clusters: Chemical Enrichment and Ionising Photons (*Evan Jones - online*)

17h15 HIIReg0005: Young Stellar Objects in Metal-Poor Dwarf Galaxies: JWST Studies of NGC 6822 and Sextans A (*Lina Marie Gerlach*)

17h30 : Poster Flash Talks (1 min each)

17h35 : Concluding Remarks

Posters

- HII Regions modelling similar processes. (*John Baruch*)
- Tracing Galactic Rotation of Young Stellar Kinematics with Gaia DR3 (Invited) (*Simran Singh*)
- A large-scale variability study of the Perseus molecular cloud (*Ernesto Giulio Mustienes Rando*)
- Extreme Ultraviolet Environments: JWST Observations of Protoplanetary Discs in the Trumpler 14 Cluster (*Michael Kuhn*)