

AGN UK Community Meeting Schedule

Talks

Thursday 09h00-10h30

09h00: Welcome, brief announcements

09h05: AGN Science with the Rubin Observatory's Legacy Survey of Space and Time (Matthew Temple)

09h25: Exploring dusty AGN in the era of large spectroscopic surveys (Victoria Fawcett)

09h45: The DESI AGN/Galaxy Classification VAC (Benjamin Floyd)

10h00: MIGHTEE: the dark matter haloes, duty cycle, and mechanical feedback from radio-AGN up to $z \sim 2.5$ (Joel Hamlett)

10h15: From spherical cows to asymmetric dinosaurs: astrophysical jets and a new numerical approach to modelling their emissions. (Christopher Everett)

Thursday 14h15-15h45

14h15: Radio Galaxy Zoo: morphological classification by Fanaroff-Riley designation using self-supervised pre-training (Nutthawara Bhuattaisong)

14h30: A library of predicted emission maps as a connection between simulations of AGN jets and observable properties (Emma Elley)

14h45 Poster 'lightning talks'

15h00 Community discussion

Posters

- The Role of Gas Accretion in Shaping the Mass Distribution of Gravitational-Wave Sources (Mor Rozner)
- Galaxy-Scale Jets in the LOFAR-VLBI Deep Fields: Probing AGN Feedback on Galactic Scales (Giulia Lusetti)
- From Black Hole Accretion to Observables: AGN and Dust in Synthetic Galaxy Populations (Sophie Newman)

- Semi-empirical constraints on the high- z SMBH population and the implications for their early evolution. (Daniel Roberts)
- Too many or too massive? Investigating the high- z demography of active SMBHs from JWST (Daniel Roberts)
- Constraining AGN Feedback and the Eventful Life of High-Redshift Massive Quiescent Galaxies and their Progenitors with NIRSpec/IFU and ALMA (Robert Pascalau)
- The importance of AGN-induced shocks for accelerating outflows and recycling the ISM (Luke R. Holden)
- Evaluating AGN Prescriptions in Cosmological Simulations against DESI Spectra via Latent-Space Embeddings (Teresa Matamoro Zatarain)
- Properties of Optical Variability-selected AGN in massive galaxies within VST-COSMOS: insights for future LSST science (Brian Ongerer Momanyi Bichang'a)
- Multi-Wavelength AGN Identification and Physical Parameter Estimation using machine learning in DESI survey. (Dhaval Sai Srinivas)
- Low-Frequency Radio Morphologies and Multi-Frequency SED Modelling of 3CRR Radio-Loud AGNs (Jaimee Greenwood)
- From Ultra-Fast Winds to Galaxy-Scale Feedback: a multi-phase energy-conserving outflow in IRAS 17020+4544 (Enrica Bellocchi)