

From horizon to galaxy and beyond: the role of jets, winds and outflows in AGN Schedule

Talks

Tuesday 09h00-10h30

9h00: The relationship between radio-loud AGN morphology and host-galaxy properties in LoTSS DR2 (Lucy Clews)

9h15: How different AGN accretion modes drive outflows: insights from LoTSS and DESI (Luke R. Holden)

9h30: Connecting accretion to jet activity across AGN populations with MIGHTEE and LoTSS (Charlotte Jackson)

9h45: Towards constraining AGN feedback from the gas distribution in haloes (Daniele Sorini)

10h00: Linking accretion and jet activity in AGN across cosmic history with WEAVE-LOFAR and X-ray observations (Ardiana Bushi)

10h15: Understanding the triggering of near-by radio-loud AGN (Freya Barwell)

Tuesday 14h15-15h45

14h15: LLAMA: Revealing cold molecular gas structure and dynamics in nearby luminous AGN and matched inactive galaxies with ALMA (Daniel Hill)

14h30: Too Heavy to Lift? Molecular Filaments and AGN-Driven Uplift in Abell 1795 (Jade Gray)

14h45: Bridging the power gap in jet-driven feedback: 3C 15 is not like the others (David Lopes)

15h00: Simulating the morphology of variable power magnetised AGN jets (Emma Elley)

15h15: Galaxy-Scale Jets in the LOFAR-VLBI Deep Fields: Probing AGN Feedback on Galactic Scales (Giulia Lusetti)

15h30: Poster flash talks (x3, 6 minutes total)

- Spectropolarimetric analysis of a sample of powerful jets in nearby galaxy groups with MeerKAT (Yifei Gong)
- AGN wings: Exploring the X-ray Emission Mechanism of Cross-Shaped Radio Galaxies (Thomas Higginson)
- Extragalactic radio jets on sub-kpc scales (Paul Chitembwa)

Tuesday 16h15-17h45

16h15: Linking AGN winds and outflows from nuclear to ISM scales (Matthew Temple)

16h30: Relic outflows in $z > 3$ quiescent galaxies (Elizabeth Taylor)

16h45: A Red Geyser at Cosmic Noon (Letizia Bugiani)

17h00: Mapping multi-phase feedback in the most extreme population of obscured AGN (Clare Wethers)

17h15: Observational signatures of AGN outflows from the radio to the optical (Rion Glenn Nazareth)

17h30: Poster flash talks (x4, 8 minutes total)

- From Ultra-Fast Winds to Galaxy-Scale Feedback: a multi-phase energy-conserving outflow in IRAS 17020+4544 (Enrica Bellocchi)
- Push and pull – Studying the interplay between AGN and starforming gas (Koloina Rambeloson)
- Developing next-generation AGN feedback models for cosmological simulations (Izzy Donaldson)

Posters

(full list of posters)

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