

Tidal disruption events: from stellar disruption to accretion Schedule

Talks

Thursday 14h15-15h45

14h15: Welcoming remarks

14h20: Shock-driven wind in tidal disruption events (Paola Martire)

14h35: Establishing the role of relativistic precession on tidal disruption events (Diego Calderón)

14h50: Can Tidal Disruption Events Reliably Weigh Black Holes in the Rubin LSST Era? (Charlotte Angus)

15h05: Constraining massive black hole properties using repeating partial TDEs (Thomas Baxter)

15h20: Main Discussion on Tidal Disruption Events: simulations, observations and their connection.

Thursday 16h15-17h45

16h15: White dwarf-intermediate mass black hole tidal disruption events and the promise of GRB 250702B (Invited) (Rob Eyles-Ferris)

16h30: Tidal encounters of white dwarf binaries with intermediate mass black holes (Aryabrat Mahapatra)

16h45: Revisiting Double Tidal Disruption Events as an Alternative Channel for Extreme Nuclear Transients (William Stone)

17h00: First optical polarimetry of ambiguous nuclear transients: probing the geometry of extreme accretion (Phil Wiseman)

17h15: 3-min single-slide poster presentations

17h30: Final brief discussion: Transients, new facilities and motivations for new theoretical directions.

Posters

- 17h15: Planets orbiting SMBHs (Shreesham Pandey)
- 17h18: Optimising Photometric TDE Classification - Results from the MALLORN Classification Challenge (Dylan Magill)
- 17h21: Dragon Slaying: Removing active galactic nuclei from tidal disruption event samples (Peter Clark)
- 17h24: ANTEATER: First Results for the Discovery of Candidate Exotic TDEs with LSST and 4MOST (Matthew Quilt)