

FULL SCHEDULE

Wednesday, October 28, 2020

2pm – 3:45pm CET (UTC+1)

Mergers, gravitational waves, and dynamics

Live talks:

Matteo Bonetti – *Gravitational wave background from extreme mass ratio inspirals*

Elisa Bortolas – *Course or blessing? The role of bars in the large-scale pairing of supermassive black holes*

Discussion (Moderator – Andrea Negri) on the live talks and on the recorded talks by:

Panos Charalampopoulos – *A systematic study of the spectral properties of tidal disruption events*

Andrea Derdzinski – *AGN disks and milliHz gravitational wave sources*

Christina Konstantopoulou – *Astrometric selection of quasars with Gaia DR2*

Alberto Mangiagli – *Observing the inspiral of coalescing MBHBs with LISA in the era of multimessenger astrophysics*

Victor Marian – *On the connection of major mergers and AGNs*

Stuart McAlpine – *Linking galaxy mergers to black hole growth in the EAGLE simulation*

**3:45pm – 4:15pm CET
(UTC+1): Break**

YAGN

4:15pm – 6pm CET (UTC+1)

AGN physics

Live talks:

Anna Feltre – *AGN nebular emission: from UV to IR*

Discussion (Moderator – John Weaver) on the live talks and on the recorded talks by:

Anne Klitsch - *Using molecular gas properties to study AGN*

Stefano Marchesi – *A complete X-ray census of heavily obscured AGN in the local Universe*

Yanna Martins-Franco – *Unveiling the emission of complex molecules in luminous infrared galaxies*

Emily Moravec - *Investigating AGN states with radio morphology*

Doosoo Yoon - *Spectral and imaging properties of Sgr A* from 3D GRMHD simulations with radiative cooling*

Tommaso Zana – *Quasar feedback on satellite galaxies*

Thursday, October 29, 2020

2pm – 3:45pm CET (UTC+1)

AGN physics: time domain

Live talks:

Triana Almeyda - *Reverberation mapping the nuclear dust emission in AGN*

Gloria Fonseca Alvarez – *SDSS-RM and the Industrial-Scale Future of Black Hole Physics*

Discussion (Moderator – Andrea Derdzinski) on the live talks and on the recorded talks by:

Elena Lopez Navas - *Understanding AGN physics through variability*

John Weaver – *Directly probing the quasar accretion disc with multi-epoch photometry*

**3:45pm – 4:15pm CET
(UTC+1): Break**

4:15pm – 6pm CET (UTC+1)

AGN feeding and feedback

1) Low redshift

Live talks:

Dalya Baron – *A multi-phased view of outflows in AGN hosts*

Ricarda Beckmann – *Dense gas in galaxy clusters under the influence of an AGN jet*

Mar Mezcuca – *Feeding and feedback from little monsters: AGN in dwarf galaxies*

Discussion (Moderator – Anne Klitsch) on the live talks and on the recorded talks by:

Marina Bianchin - *Molecular and ionised gas in nearby active galaxies*

Namrata Roy – *Red geysers: searching for maintenance mode feedback in typical quiescent galaxies*

Olena Torbaniuk - *The connection between star-formation rate and supermassive black hole accretion in the local Universe*

Friday, October 30, 2020

2pm – 3:45pm CET (UTC+1)

AGN feeding and feedback

2) Simulations

Live talks:

Melanie Habouzit – *BH and AGN properties in large-scale cosmological simulations*

YAGN

Maxime Trebitsch – *The Obelisk protocluster simulation: high-redshift black hole growth and AGN contribution to reionization*

Rainer Weinberger – *The uncertainties in AGN feedback modeling in simulations and their implications for host halo properties*

Discussion (Moderator – Stuart McAlpine) on the live talks and on the recorded talk by:

Andrea Negri - *Keep it hot: AGN feedback on X-ray gas in simulated galaxies*

**3:45pm – 4:15pm CET
(UTC+1): Break**

4:15pm – 6pm CET (UTC+1)

AGN feeding and feedback

3) High redshift

Live talks:

Stefano Carniani – *Fate of the outflowing material in AGN*

Anna-Christina Eilers – *The Formation and Growth of Supermassive Black Holes*

Alessandro Lupi – *The impact of AGN on the ISM of high-redshift galaxies*

Discussion (Moderator – Namrata Roy) on the live talks and on the recorded talk by:

Alessandro Trinca – *The low-mass end of the black hole mass function at cosmic dawn*