

# FULL SCHEDULE

**Wednesday, September 1, 2021**

**2pm – 3:35pm CEST (UTC+2)**

## **Black hole binaries – theory and observations**

### ***Live talks:***

Ludovica Varisco – *Stellar hardening of massive black hole binaries: the impact of the host rotation*

Matteo Bonetti – *The role of bars on the dynamical-friction driven inspiral of massive perturbers*

Alessia Franchini – *Circumbinary disc self-gravity governing massive black hole binary mergers*

Elisa Bortolas – *Stars vs gas: on the main driver of massive black hole binaries evolution prior to gravitational waves*

Maria Charisi – *Searching for supermassive BH binaries*

***Discussion (Moderator – Andrea Derdzinski) on the live talks***

**3:35pm – 4pm CEST (UTC+2): Break**

**4pm – 6pm CEST (UTC+2)**

## **AGN outflows and feedback**

### ***Live talks:***

Dalya Baron – *Multi-phased outflows in E+A galaxies with AGN*

Tiago Costa – *The physics of quasar feedback*

Tommaso Zana – *Enhanced star formation in  $z \sim 6$  quasar companions*

# YAGN

Samuel Ward – *Cosmological simulations do not predict that powerful AGN have quenched SFRs or reduced molecular gas content*

**Discussion (Moderator – Alessandro Lupi) on the live talks and on the recorded talks by:**

Sara Cazzoli – *IFS of AGN-driven outflows*

Mitchell Revalski – *Measuring the spatially resolved mass outflow rates of ionized gas in nearby AGN*

Caroline Bertemes – *MASCOT: the link between molecular gas and radially resolved galaxy properties in SDSS-IV MaNGA AGN*

Meena Beena – *Probing the launching sites of AGN-driven outflows in nearby Seyfert galaxies*

Sophie Koudmani – *The impact of AGN feedback on simulated dwarf galaxies*

Shmuel Gilbaum – *Feedback dominated accretion flows (FDAF)*

**Thursday, September 2, 2021**

**2pm – 3:35pm CEST (UTC+2)**

## **AGN physics I**

**Live talks:**

Kasper Heintz – *A complete and unbiased selection of quasars based purely on Gaia astrometry*

Erini Lambrides – *To merge or not to merge: obscured AGN and the hunt for an AGN triggering mechanism*

Nischal Acharya – *miniJPAS: the 2d properties of X-ray AGNs in the local universe*

Claire Greenwell – *Optically quiescent quasars: a hidden subclass of AGN*

Matthew Liska – *GRMHD simulations of luminous accretion disks*

**Discussion (Moderator – Emily Moravec) on the live talks and on the recorded talks by:**

Mariela Martinez – *The near- and mid-IR SEDs of local ( $z < 0.1$ ) type 1 QSOs*

Triana Almeyda – *Modeling the reverberation response of hot graphite dust emission in AGN*

Guang Yang – *X-CIGALE: fitting AGN/galaxy SEDs from radio to X-ray*

Marzena Sniegowska – *VLT spectropolarimetry of NLSy1 galaxies*

**3:35pm – 4pm CEST (UTC+2): Break**

**4pm – 6pm CEST (UTC+2)**

**AGN physics II**

**Live talks:**

Brandon Coleman – *Measuring the interstellar medium in X-ray luminous AGN from  $z = 0-3$*

Duccio Macconi – *Radio galaxies: does accretion always rhyme with jet power?*

Mislav Balokovic – *Constraints on AGN structures from broadband X-ray spectroscopy*

**Discussion (Moderator – Dalya Baron) on the live talks and on the recorded talks by:**

Emily Moravec – *The radio-AGN population in massive galaxy clusters and galaxy cluster mergers at  $z \sim 1$*

Susanna Bisogni – *The Chandra view of the relation between X-ray and UV emission in quasars*

Yaherlyn Diaz – *Demystifying the powering mechanism of low-luminosity AGNs*

**Friday, September 3, 2021**

**2pm – 3:30pm CEST (UTC+2)**

**Changing-look AGN, TDEs, and variability**

**Live talks:**

Hugo Pfister – *Observable gravitational waves from tidal disruption events*

Grisha Zeltyn – *Surveying changing-state AGNs with SDSS-V*

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

Clement Bonnerot – *First light from tidal disruption events*

**Discussion (Moderator – Angelo Ricarte) on the live talks and on the recorded talk by:**

Rachael Merritt – *No hosts allowed! Reexamining RM AGN SEDs*

Shifu Zhu – *The X-ray spectral and variability properties of typical radio-loud quasars*

## **3:30pm – 4pm CEST (UTC+2): Break**

## **4pm – 6pm CEST (UTC+2)**

### **Dynamics, mergers, gravitational waves, and black hole formation**

#### ***Live talks:***

Lorenz Zwick – *Dirty waveforms: multi-band GW content of gas embedded sources*

Andrea Derdzinski – *Accretion disks and the formation of milliHz gravitational wave sources + interesting consequences in GW signals*

Luca Broggi – *EMRI formation rate from two-components Fokker-Planck equation*

Fabio Rigamonti – *Dynamical modelling of galaxies with a Bayesian approach*

Sabine Thater – *DYNAMITE and the orbital distribution in the vicinity of massive black holes*

#### ***Discussion (Moderator – Maria Charisi) on the live talks and on the recorded talk by:***

Srija Chakraborty – *Probing supermassive black hole binaries with LISA*

Boyuan Liu – *Gravitational waves from the remnants of pop III stars in nuclear star clusters*

Chengcheng Xin – *Ultra-short-period massive black hole binary candidates in LSST as LISA “verification binaries”*

Dhruba Dutta Chowdhury – *On the random motion of nuclear objects in a fuzzy dark matter halo*

Alessandro Lupi – *Heavy seed black holes in quasar host progenitors*

Angelo Ricarte – *Wandering black holes in the ROMULUS cosmological simulations*

Karina Voggel – *The first dynamical detection of a sub-kpc SMBH pair*