



Monday 5th June

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| 8:20-8:30 Introduction | |
| 8:30-12:00 Morning Session: Stars | |
| 8:30 | Valeryia Korol - Senior Talk |
| 9:00 | Farideh Tabatabaei - Unveiling the interplay between magnetic fields and accretion in a young protocluster B59 |
| 9:20 | Judit F. Asensio - Millimetre and sub-millimetre spectroscopy of doubly deuterated acetaldehyde (CHD ₂ CHO) and first detection towards IRAS16293-2422 |
| 9:40 | Ruggero Valli - "Where's the stolen mass?" and other embarrassing questions for the accreting star in the binary |
| 10:00 | Teresa Braun - Properties of a solar model using a turbulent convection theory |
| 10:20 – 10:40 Coffee Break | |
| 10:40 | Jing-Ze Ma - Fooled by the convective cells: Is Betelgeuse really rotating? |
| 11:00 | Abinaya Swaruba - Triple evolution: an important channel in the formation of Type Ia Supernovae |
| 11:20 | Jakob Hein - Neutrino Shock Acceleration |
| 11:40 | Francesco Camilloni - SRG/eROSITA and XMM-Newton observations of Vela Jr. |
| 12:00 – 13:00 Lunch Break | |
| 13:00 – 16:20 Afternoon Session: Planets & AGN | |
| 13:00 | Surangkha Rukdee and Johannes Buchner – Senior Talk |
| 13:40 | Tommy Chi Ho Lau - Sequential planet formation in a substructured disk |
| 14:00 | Michael Weber - The interplay between accreting planets and photoevaporative disk winds |
| 14:20 | Giulia Roccetti - The Earth as an exoplanet: constraining cloud properties with polarization spectra and phase curves |
| 14:40 – 15:00 Coffee Break | |
| 15:00 | Antonia Drescher - Flares as dynamical probes for the mass of Sgr A* |
| 15:20 | William Roster - Photometric Redshifts for AGN via Deep Learning |
| 15:40 | Isabelle Gauger - Studying SMBH-galaxy co-evolution through the relation between BH mass and host galaxy stellar mass |
| 16:00 | Joanne Tan - Constraining the Fraction of Tidal Disruption Events among AGNs hosted by Dwarf Galaxies |

Tuesday 6th June

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| 9:00-11:50 Morning Session: Galaxies | |
| 9:00 | Juan Espejo - Senior Talk |
| 9:30 | Elena Hoemann - Filament fragmentation: Density gradients suppress end dominated collapse |
| 9:50 | Yi Zhang - Population study of hot gas around $z < 0.1$ galaxies with eROSITA |
| 10:10 – 10:30 Coffee Break | |
| 10:30 | Xueying Zheng - Broad band and emission lines maps of the diffuse emission observed by eROSITA |
| 10:50 | Capucine Barfety - Constraining Molecular Gas Outflows in Massive SFGs using the PHIBSS Survey |
| 11:10 | Daniel Hernandez - Dynamical analysis of the merging galaxy cluster SPT-CL J0307-6225 |
| 11:30 | Lilian Lee - Disk kinematics at high- z : comparing fitting techniques and modelling tools |
| 11:50 – 13:00 Lunch Break | |
| 13:00 – 15:30 Afternoon Session: Cosmology | |
| 13:00 | Sara Maleubre – Senior Talk |
| 13:30 | Anshuman Acharya - Detecting the Epoch of Reionization 21-cm Signal: A Machine Learning Upgrade to GPR |
| 13:50 | Fulvio Ferlito - The MillenniumTNG Project: The impact of baryons and massive neutrinos on high-resolution weak gravitational lensing convergence maps |
| 14:10 – 14:30 Coffee Break | |
| 14:30 | Matteo Esposito - Extension of evolution mapping to velocity statistics |
| 14:50 | Beatriz Tucci - EFTofLSS meets simulation-based inference: σ_8 from biased tracers |
| 15:10 | Sophie Vogt - Using cluster and weak lensing data to constrain $f(R)$ modified gravity models |
| 15:30 – 15:40 Closing Remarks | |