

Talk Session 1

13 October 2025

Time	Highlight Talk	Speaker
16:00 - 16:10	Pairs and groups of satellite galaxies in the Local Group	Mariana Júlio
Time	Flash Talk	Speaker
16:10 - 16:30	1. Evolution of Large Magellanic Cloud–Milky Way system in HESTIA simulations 2. Study of Cherenkov Telescope Array Sensitivity on Dark Matter Annihilation in the Large Magellanic Cloud with ctools 3. Quantifying the effects of SFH on the galaxy dark matter profile inner slope 4. Exploring dark galaxies in Local Group simulations 5. Satellite Planes in ADM Models	Moorits Mihkel Muru Sahatbodin Nokthaisong Jorge Sarrato Alós Guacimara García Bethencourt Soumya Dhavale
16:30 - 16:50	6. Tracing the properties of Dark Matter with Stars in Ultra-Faint Dwarfs 7. The Correlation Between Baryonic Matter and Dark Matter to The Rotation Curve Shape: Testing the Steepness Parameter 8. Tracing the origin of gas fuelling in-situ star formation. 9. Outflows from evolving Young Massive Clusters 10. Mock observations of galaxies	Fernando Valenciano-Ruano Waeowan Haethaisong Ole Wittig Cormac Larkin Anna Lena Schaible
16:50 - 17:10	11. The effects of the photometric redshift uncertainties on the galaxy luminosity function, using a survey and a mock catalogue 12. Advancing Cosmological Analysis: Data Transformation and Machine Learning to Simulate ARRAKHS' Observations 13. investigating the Impact of AGN Feedback Variability and Cluster Properties on ICM Dynamics 14. AGN feedback in low-mass galaxies: tracing outflows and their impact 15. The Star-Forming Past of Brightest Cluster Galaxies	Suttikoon Koonkor Wissarut Jarernsupapon Ashwin Vergis George Elena Arjona-Gálvez Sunna Gottschewski
17:10 - 17:30	16. Quantifying contamination of UCDs in High-redshift galaxies 17. Radio Emission as a Tracer of the Cosmic Evolution of Galaxies: Spectral Energy Distributions, Magnetic Fields, Star Formation Rate, Merger-Driven Asymmetry, and Dark Matter Perturbations 18. Fundamental physics from radio astronomy 19. Effelsberg to Zugspitze: From Positronium to Future Telescopes	Onnalin Innala Maryam Khademi Jompoj Wongphechauxsorn Lovis Haurý