



# MODEST-24: Exploring Dense Stellar Systems Across Cosmic Time

## Wednesday, 21 August 2024

### Stellar multiplicity, exotica, and transients in star clusters: Afternoon Session 1 - Main Lecture Hall (13:45 - 15:25)

time	[id] title	presenter
13:45	[105] Binaries in 47 Tuc: Confronting cluster simulations with observations	DREIZLER, Stefan
14:05	[76] Runaway and Hyper-runaway Stars from Merging Star Clusters with Massive Black Holes	SOUVAITZIS, Lazaros
14:25	[84] Stars and Black Holes in Young Star Clusters: Friends or Foes?	RASTELLO, Sara
14:45	[27] From Clustered Environments to Common Envelopes: The first systematic identification of white dwarf-main sequence post-common envelope binaries in star clusters	GRONDIN, Steffani
15:05	[5] Binary Formation from Three Initially Unbound Bodies	ATALLAH, Dany

# Thursday, 22 August 2024

## Stellar multiplicity, exotica, and transients in star clusters: Morning Session 1 - Main Lecture Hall (09:00 - 10:40)

time	[id] title	presenter
09:00	[119] Investigating Blue Straggler Stars of Open Clusters and Fields using UVIT/AstroSat	VAIDYA, Kaushar
09:20	[86] Modelling Millisecond Pulsar Populations in Globular Clusters with NBODY6++GPU	SONG, Yuzhe
09:40	[17] Probing Intracluster Dynamics and Evolution of Globular Clusters through Cataclysmic Variable Populations	OH, Kwangmin
10:00	[132] MOCCA: Dynamical blue stragglers excess after core collapse	Dr HYPKI, Arkadiusz
10:20	[16] A systematic method to identify runaways from star clusters produced from single-binary interactions: A case study of M67	Mr HERRERA URQUIETA, Alonso

## Stellar multiplicity, exotica, and transients in star clusters: Morning Session 2 - Main Lecture Hall (11:05 - 12:45)

time	[id] title	presenter
11:05	[115] Inert compact binary formation in open clusters	TANIKAWA, Ataru
11:25	[99] Magnetic field amplification during stellar collisions and its implication for blue stragglers	RYU, Taeho
11:45	[77] A study of the exotic pulsars in the globular cluster NGC 1851	DUTTA, Arunima
12:05	[44] Exploring the phenomenon of split main sequence in young star clusters via binary stars	MURATORE, Fabrizio
12:25	[128] Whispering in the dark: X-ray faint black holes around OB stars	SEN, Koushik

## Stellar multiplicity, exotica, and transients in star clusters: Afternoon Session 1 - Main Lecture Hall (14:15 - 15:55)

time	[id] title	presenter
14:15	[137] The importance of dynamics in the cataclysmic variables in globular clusters	RIVERA SANDOVAL, Liliana
14:35	[100] The disintegration process and orbital evolution of equal-mass hierarchical triple systems	IWAKURA, Ryutaro
14:55	[53] Synthetic Populations of Ultra-Luminous X-ray Sources in Globular Clusters	WIKTOROWICZ, Grzegorz
15:15	[117] The effect of dynamically formed binaries on young planetary systems	SCHOETTLER, Christina
15:35	[138] The ejection of hypervelocity stars from Milky Way globular clusters	EVANS, Fraser