

MODEST-24: Exploring Dense Stellar Systems Across Cosmic Time

Tuesday, 20 August 2024

Numerical approaches to modelling stellar systems and their constituents: Afternoon Session 1 - Main Lecture Hall (14:00 - 15:40)

time	[id] title	presenter
14:00	[49] The emergence of angular momentum in globular clusters: insights from large N-body simulations	BIANCHINI, Paolo
14:20	[58] The strong impact of IMF in star cluster dynamics	WANG, Long
14:40	[120] The Four-Body Problem in Newtonian Gravity	LEIGH, Nathan
15:00	[75] Isles of regularity in a sea of chaos amid the gravitational three-body problem	TRANI, Alessandro A.
15:20	[42] Relaxation and evolution towards inverse energy equipartition in star clusters	PAVLIK, Vaclav

Numerical approaches to modelling stellar systems and their constituents: Afternoon Session 2 - Main Lecture Hall (16:05 - 17:25)

time	[id] title	presenter
16:05	[142] Updates on AMUSE	RIEDER, Steven
16:25	[114] Dynamical mixing of multiple populations in globular clusters.	AROS, Francisco I.
16:45	[129] Gas and multiple evolution in young star clusters and other gas-rich environments	GENEROZOV, Aleksey
17:05	[88] The dynamics of planet-like objects in star clusters	FLAMMINI DOTTI, Francesco Maria

Wednesday, 21 August 2024

Numerical approaches to modelling stellar systems and their constituents: Stellar and Binary Evolution (Morning Session 2) - Main Lecture Hall (11:20 - 12:20)

time	[id] title	presenter
11:20	[134] Decoding binary evolution: insights from stripped stars	AGRAWAL, Poojan
11:40	[8] The cosmic rate of pair-instability supernovae	GABRIELLI, Francesco
12:00	[71] Very massive stars do not expand: the uneventful life at the massive end of the IMF	ROMAGNOLO, Amedeo