

Two in a Million - The interplay of binaries and star clusters

List of confirmed posters

Last update: September 7, 2023

1	Myank Singhal (Charles University) <i>Compact Object Interactions in Star Clusters: Implications for Gravitational Wave Noise</i>	in-person
2	Benedetta Mestichelli (Gran Sasso Science Institute) <i>A study on the efficiency of runaway collisions in young globular clusters</i>	in-person
3	Anindya Ganguly (Tata Institute Of Fundamental Research Institute) <i>Membership and stellar and binary properties in 21 Rich Open Clusters Using Gaia DR3</i>	remote
4	Bhavana Bhat (University of Bologna) <i>The effect of primordial binaries and dark remnants on star cluster dynamics</i>	in-person
5	František Dinnbier (Charles University) <i>Cepheid - red giant binaries as outcomes of star cluster dynamics</i>	in-person
6	Priya Shah (Maulana Azad National Urdu) <i>The binary fraction in star clusters within 1 kpc</i>	remote
7	Swetlana Hubrig (Leibniz-Institut für Astrophysik Potsdam, AIP) <i>The evolutionary state of chemically peculiar stars and systems in NGC 2516 using GAIA data</i>	in-person
8	Lucas Hellström (Nicolaus Copernicus Astronomical Center) <i>WD binaries from MOCCA simulations-Comparisons between in-cluster, escapers and field binaries</i>	in-person
9	Amedeo Romagnolo (Nicolaus Copernicus Astronomical Center of the Polish Academy of Sciences & ESO) <i>Impact of stellar envelopes in binary evolution: implications for Gravitational Wave astronomy</i>	in-person
10	Rainer Koehler (The CHARA Array of Georgia) <i>Observations of Binaries in the Orion Nebula Cluster</i>	in-person
11	Tristan Bruel (Observatoire de la Côte d'Azur) <i>Formation Pathways of Binary Black Holes in Dwarf Galaxies</i>	in-person
12	Miriam Ramos Arevalo (University of Texas Rio Grande Valley) <i>Searching for Ultracompact White Dwarf Binaries in Globular Clusters</i>	remote
13	Anton Seleznev (Ural Federal University) <i>Binary and multiple stars in twelve open clusters</i>	remote
14	Joshua Speagle (University of Toronto)	in-person

	<i>A Machine Learning-Led Search for Extra-Tidal Stars in Globular Clusters</i>	
15	Vaclav Pavlik (Indiana University) <i>The impact of velocity anisotropy on the dynamics of star clusters and their binary stars</i>	in-person
16	Song Yuzhe (Swinburne University of Technology) <i>Understanding Globular Cluster Gamma-ray Emission From Millisecond Pulsars</i>	in-person
17	Markus Schöller (ESO) <i>Magnetic massive binary and multiple systems in open clusters and associations</i>	in-person
18	Ellen Leitinger (ESO) <i>The kinematics of multiple stellar populations in 25 Milky Way Globular Clusters</i>	in-person
19	Prasanta Kumar Nayak (Pontificia Universidad Católica de Chile) <i>Hunting Down White Dwarf--Main Sequence Binaries Using Multi-Wavelength Observations</i>	remote
20	Rachel Zhang (Northwestern University) <i>Dynamics vs. Isolated Evolution: how do different environments affect binary populations?</i>	in-person
21	Sergio Sánchez-Sanjuán (Instituto de Astronomía - UNAM) <i>Study of young stellar clusters: the dynamical evolution of the Orion Complex</i>	in-person
22	Antti Rantala (Max Planck Institute for Astrophysics) <i>Simulating the evolution of massive star clusters: dynamics, binary populations, BH mergers and TDEs</i>	in-person
23	Steven Rieder (Geneva Observatory) <i>Simulating dynamics of multiple stellar systems in clusters</i>	in-person
24	Sharmila Rani (Indian Institute of Astrophysics) <i>UV study of the open cluster NGC 2818: Exploring the origin of exotic stellar populations</i>	in-person
25	Nela Dvořáková (Astronomical Institute of Charles University) <i>Supporting evidence for post-merger nature of FS CMa stars</i>	in-person
26	Tali Palma (Observatorio Astronómico, Universidad Nacional de Córdoba) <i>Binary Systems in Young Star Cluster Fields</i>	remote
27	Stefano Torriamenti (University of Padova) <i>Unveiling the black hole populations in open clusters</i>	in-person
28	Amanda Caveagna Rubio (ESO) <i>Decretion and accretion in Be star binary systems</i>	in-person

29	Daniel Marin Pina (Universitat de Barcelona - ICCUB) <i>Dynamical binary black hole formation and disruption: implications for gravitational waves</i>	in-person
30	Abigail Battson (Saint Mary's University) <i>High-Velocity Stars as Probes of Black Hole Populations in Globular Clusters</i>	remote
31	Tahereh Ramezani (Masaryk University) <i>Observation of the Open Clusters in the UV</i>	in-person
32	Gaurav Singh (Indian Institute of Astrophysics) <i>The detailed study of FUV bright stars in the core-collapse Globular Cluster</i>	remote
33	Xabier Pérez-Couto (CITMAga) <i>An algorithm to calculate the relative orbit, ephemeris, and individual masses of unresolved astrometric binaries</i>	remote
34	Jeppe Sinkbæk Thomsen (DIFA, University of Bologna) <i>KIC10001167: A tidally interacting, detached eclipsing binary hosting an oscillating red giant</i>	in-person
35	Emma Bordier (KU Leuven) <i>Exploring the formation of massive multiples through the multiplicity study of MYSOs</i>	in-person
36	Hala Alqubelat (ESO) <i>The role of multiplicity in the formation of sub-structures in protoplanetary disks</i>	in-person
37	Yutian Bu (Sun Yat-Sen University) <i>Stellar rotation and extended main-sequence turn-off in galactic open cluster NGC 2423</i>	remote
38	Mark Gieles (ICREA/University of Barcelona) <i>The evolution of the globular cluster mass function - the role of stellar-mass black holes</i>	in-person