

Monday 27 February 2017

Preamble

11:00 - 12:30 Opening and business card introduction

12:30 - 14:00 LUNCH

Session 1 - Characterisation: structural, chemical and kinematic properties

Chair: Iskren Georgiev

14:00 - 14:25	Anja Feldmeier-Krause	Large scale observations of the Milky Way nuclear star cluster
14:25 - 14:50	Rainer Schödel	The stellar cusp at the Galactic Center and the missing giants problem
14:50 - 15:00	Francisco Noguera Lara	The most detailed study of a Nuclear Bulge so far
15:00 - 15:10	Hope Boyce	An upper mass limit for a black hole in the Large Magellanic Cloud
15:10 - 15:20	Arianna Picotti	Nearby nuclear star clusters: preliminary results of XSHOOTER observations
15:20 - 15:30		Collection of discussion topics
15:30 - 16:15		BREAK
16:15 - 16:40	Laura Watkins	Internal kinematics of Milky Way globular clusters
16:40 - 17:05	Chelsea Spengler	Masses and stellar content for the nuclei of early-type galaxies from multi-band
17:05 - 18:00	Glenn and Nadine	<u>DISCUSSION</u>
18:30		Dinner

Tuesday 28 February 2017

Session 2 - Formation and growth: gas-infall versus cluster-inspiral

Chair: Anna Sippel

09:00 - 09:25	Hagai Perets	Formation and evolution of nuclear clusters: an overview
09:25 - 09:50	Nicolas Guillard	Gas-infall AND cluster spiraling
09:50 - 10:15	Eric Emsellem	Growing nuclear clusters: red light, green light
10:15 - 10:30		Collection of discussion topics
10:30 - 11:00	BREAK	
11:00 - 11:25	Diederik Kruijssen	A theoretical understanding of star formation and mass flows in the Central Molecular Zone
11:25 - 11:50	Eric Pellegrini	Multiphase Diagnostics of Intense Feedback in Galactic Nuclei: Observations and Simulation
11:50 - 12:30	Alessandra Mastrobuono-Battisti	<u>DISCUSSION</u>
12:30 - 14:00	LUNCH	

Session 3 - Black hole connection: formation, feeding, and feedback

Chair: Ryan Leaman

14:00 - 14:25	Shobita Satyapal	Active Galactic Nuclei in the Low Bulge Mass Regime
14:25 - 14:50	Nathan Leigh	Fewbody Interactions in Galactic Nuclei: From Stellar Collisions to Black Hole Binary Mergers
14:50 - 15:15	Anna Sippel	Dynamically formed gravitational wave sources in globular clusters
15:15 - 15:30		Collection of discussion topics
15:30 - 16:15	BREAK	
16:15 - 16:40	Jenny Greene	Active Low-Mass Black Holes
16:40 - 17:05	Pau Amaro-Seoane	How to get rid of bright giants at the (very deep) Galactic Centre
17:05 - 17:15	Taras Panamarev	Direct N-Body simulations of the Galactic Centre
17:15 - 18:00	Nora Lützgendorf	<u>DISCUSSION</u>
18:30	Dinner	

Wednesday 1 March 2017

Session 4 - Connection to the host galaxy: correlations and co-evolution

Chair: Mayte Alfaro

09:00 - 09:25	Dieu Nguyen (by Anil)	Black Holes and Nuclear Star Clusters in Nearby Early-Type Galaxies
09:25 - 09:50	Ruben Sanchez-Janssen	Fundamentals of nuclear star clusters in Virgo across seven decades in galaxy mass
09:50 - 10:15	Karina Voggel	Are Supermassive Black Holes present in all massive UCDs? A case study of two UCDs with SINFONI
10:15 - 10:30		Collection of discussion topics
10:30 - 11:15	BREAK	
11:15 - 11:40	Mariya Lyubenova	The complex formation paths of NSCs
11:40 - 12:30	Anil Seth	DISCUSSION
12:30 - 14:00	LUNCH	

Free afternoon

18:30 Dinner

Thursday 2 March 2017

Session 5 - Complex stellar populations: fossil record (earliest) star formation

Chair: Arianna Picotti

09:00 - 09:25	Matthias Frank	The star cluster – galaxy divide in compact stellar systems
09:25 - 09:50	Nikolay Kacharov	Constraints on the star formation histories of the nuclear star clusters in nearby galaxies
09:50 - 10:15	Ryan Leaman	A library of chemical evolution models for in-situ and accreted NSCs applied to n-body simulations
10:15 - 10:30		Collection of discussion topics
10:30 - 11:15	BREAK	
11:15 - 11:30	Mayte Alfaro	M54: A key to the connection between globular and nuclear star clusters
11:30 - 11:45	Maria Tiongco	Kinematics of multiple stellar population clusters (and their tantalizing cores)
11:45 - 12:30	Mariya Lyubenova	<u>DISCUSSION</u>
12:30 - 14:00	LUNCH	

Session 6 - Destruction: massive compact stellar systems as stripped nuclei

Chair: Nikolay Kacharov

14:00 - 14:25	Steffen Mieske	News on UCDS
14:25 - 14:50	Mark Norris	Finding Needles in the Haystack
14:50 - 15:15	Anna Lisa Varri	What can we learn from the new phase space complexity of old globular clusters?
15:15 - 15:30		Collection of discussion topics
15:30 - 16:15	BREAK	
16:15 - 16:40	Vincent Hénault-Brunet	Weighing dark remnant populations in globular clusters
16:40 - 17:05	Victor Debattista	Spatial and kinematic segregation in star clusters
17:05 - 17:50	Michael Hilker	<u>DISCUSSION</u>
17:50 - 18:05	Torsten Boeker	collection of discussion topics for JWST discussion
18:30	Dinner	

Friday 3 March 2017

Session 7 - Nearby and far away: current and future instrumentation

Chair: Laura Watkins

09:00 - 09:25	Steffen Mieske	AO mode of MUSE/VLT
09:25 - 09:50	Iskren Georgiev	LBT ARGOS - Characterization of nearby galactic nuclei, their host galaxies and star cluster population: the case of NGC6384
09:50 - 10:35	Torsten Boeker	DISCUSSION on JWST potential for studies of galactic nuclei
10:35 - 10:45	Nadine and Glenn	Closing remarks
10:45 - 11:15	COFFEE	
12:30 - 14:00	LUNCH	

End of meeting