



Baryons at low densities:
 the stellar halos around galaxies
 ESO Garching, 23-27 February, 2015



Scientific Programme

Monday, 23 February 2015 (afternoon)

13:00	Registration	
14:00		Chair: Marina Rejkuba
14:00	Tim de Zeeuw	Welcome
Session 1 - Setting the Stage: what is a stellar halo?		
14:10	Guinevere Kauffmann	Formation of stellar halos: when do we have a halo around a galaxy?
14:45	Annette Ferguson	Observing Stellar Halos: When do we have a halo around a galaxy?
15:20	Annalisa Pillepich	New insights on stellar haloes with the Illustris simulation
15:40	Coffee break	
16:10		Chair: Eric Emsellem
16:10	Laura Greggio	Observing simulations: current observational limitations and future opportunities
Session 2 - Stellar halos in the Local Group		
16:45	Wyn Evans	The Milky Way halo
17:20	Paula Jofre	On the age of the Milky Way halo stars
17:40		Poster pop-up session
18:00	Welcome reception	

Tuesday, 24 February 2015

09:00		Chair: Rob Ivison
09:00	Stephan Geier	Hot subdwarf stars in the halo - from close binaries to the fastest unbound stars in the Galaxy
09:20	Rodrigo Ibata	The Pan-Andromeda Archeological Survey (PAndAS)
09:55	Karoline Gilbert	The SPLASH Survey of Andromeda's stellar halo
10:30	Giuseppe Bono	On the metallicity gradient of the Galactic Halo
10:50	Coffee break	
10:50		Chair: Annalisa Pillepich
11:20	Alis Deason	The Progenitors of the Milky Way Stellar Halo
11:55	Nicolas Martin	Faithful extraction of the PAndAS Andromeda stellar halo and direct comparison with the Aquarius simulations
12:15	Andreas Koch	Gas absorbers in the Andromeda halo - a possible Stream connection

Tuesday, 24 February 2015**Session 3 - Galaxy surveys: global properties of stellar halos**

12:35	Kelvin Lee	Stellar halos of galaxies in the SDSS Stripe 82 survey
12:55	Lunch	
14:25		Chair: Laura Ferrarese
14:25	Pierre-Alain Duc	The faint stellar halos from ground based imaging
15:00	Bill Harris	Globular Cluster Systems and Galaxy Halo Masses: Partners in Crime?
15:20	Enrichetta Iodice	Unveiling the faint stellar halos of the early-type galaxies in the Fornax Cluster
15:40	Coffee break	
16:10		Chair: Antonela Monachesi
16:10	Andreea Font	Global properties of simulated stellar halos
16:45	Richard D'Souza	Statistical Properties of the Stellar Haloes of Galaxies
17:05	Liese van Zee	Results from the EDGES Survey
17:40	End of the day	

Wednesday, 25 February 2015

09:00		Chair: William Harris
09:00	Ignacio Trujillo	Build-up of stellar halos
09:35	Nicola Pastorello	Stellar and Globular Cluster metallicity gradients in early-type galaxy halos
Session 4 - Physical galaxies of individual galaxy halos through resolved stellar population studies		
09:55	Roelof de Jong	GHOSTS: Resolved stellar halos of nearby galaxies
10:30	Antonella Monachesi	The stellar halos of six nearby disk galaxies from the GHOSTS survey: A direct test of models of galaxy formation
10:50	Coffee break	
10:50		Chair: Chris Mihos
11:25	Marina Rejkuba	Resolved stellar halos in early type galaxies
12:00	Mark Peacock	Detection of a distinct metal-poor stellar halo in the early-type galaxy NGC 3115
12:20	Sarah Bird	Resolved Stellar Halos of M87 and NGC 5128 (Cen A)
12:40	Poster Session	
13:00	Lunch	
14:30	Free afternoon	
19:00	Conference dinner	

Thursday, 26 February 2015**Session 5 - Other baryonic tracers of galaxy halos**

09:00		Chair: Annette Ferguson
09:00	Chris Mihos	Structure, Substructure, and Stellar Populations in the Diffuse Halos of Virgo Ellipticals
09:35	Magda Arnaboldi	Planetary nebulae as tracers of motions and light in the outer halos of galaxies
10:10	Carlos Eduardo Barbosa	The metallicity distribution of the stellar population in the outer halo of NGC 3311
10:30	Coffee break	
11:00		Chair: Martino Romaniello
11:00	Karina Voggel	The Origins of the Ultra Compact Dwarfs in the Halo of NGC1399
11:20	Pat Durrell	Globular clusters in massive galaxies
11:55	Jean Brodie	Connecting stars and globular clusters
12:30	Michael Hilker	Blue globular cluster in the halo of the central Hydra cluster galaxy
12:50	Lunch	

Thursday, 26 February 2015		
Session 6 - Dynamics of galaxy halos		
14:15		Chair: Michael Hilker
14:15	Ortwin Gerhard	Stellar Orbits and angular momentum in extended halos
14:50	Eric Emsellem	Exploring the halos of the most massive galaxies with MUSE
15:10	Nicholas Boardman	Stellar haloes of early-type galaxies out to 3-4 effective radii with integral-field spectroscopy
15:30	Coffee break	
16:00		Chair: Ortwin Gerhard
16:00	Alessia Longobardi	The kinematics of the extreme outer halo of M87 as revealed by Planetary Nebulae
16:20	Nicola R. Napolitano	Mass and stellar orbital distribution of Early-Type galaxy haloes
16:40	Victor Debattista	Orbits in stellar halos
17:15	Theo Le Bret	Particle tagging and its implication for stellar halo population dynamics
17:35	End of the day	

Friday, 27 February 2015		
Session 7 - Structure vs. Substructure & halo assembly		
09:00		Chair: Magda Arnaboldi
09:00	Jorge Penarrubia	The tidal streams of dwarf spheroidal galaxies
09:20	Andrew Cooper	Simulating stellar haloes with dark matter simulations
09:55	Marilena Spavone	VEGAS: A VST Early-type GALaxy Survey. The faint substructures of NGC4472 stellar halo
10:15		
10:50		Chair: Guinevere Kauffmann
10:50	David Martinez-Delgado	Stellar tidal streams in the halos of nearby spiral galaxies
11:25	Jovan Veljanovski	The outer halo globular cluster system of M31: clues to galaxy formation
11:45	David Hendel	Using tidal debris morphology to constrain the orbital parameters of infalling substructures
12:05		Final Discussion and Concluding Remarks + Bier & Brez'n
13:30	End of the conference	