



Program Linking the Galactic and Extragalactic – 2022

Monday

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Time	Type	Name	Title	Screen	Video
9:30-9:45		Jesse van de Sande	Welcome	↗	↗
9:45-10:35	IT	Paul Mcmillan	Dynamics of the Milky Way, a theoretical approach	↗	↗
Chair: <i>Rhea</i>	CT	Payel Das	New equilibrium models for revealing the heating histories of disk galaxies	↗	↗
10:35-11:00	Morning Tea				
11:00-12:30	CT	Chervin Laporte	Outer disc structures as probes of a galaxy's past and formation history.	-	-
	CT	Daniel Zucker	The Field of Streams, Nearly Two Decades On	↗	↗
	CT	Paul Bennet	Local Group dwarf galaxies with GaiaHub: Combining HST and Gaia	↗	↗
	CT	Natsuki Funakoshi	Gaia's precise kinematic data revealing stellar spiral arms and their transient nature	↗	↗
Chair: <i>Rhea</i>	CT	Ekta Patel	The Effect of the Large Magellanic Cloud on Orbits of Milky Way Satellite Galaxies in a Time-Dependent Potential	↗	↗
12:30-13:30	Lunch				
13:30-15:00	Posters	All	Scavenger Hunt Poster Pub-Quiz	↗	
15:00-15:30	Afternoon Tea				
15:30-17:00	IT	Eugene Vasiliev	Dynamics of the Milky Way, an observational and modelling approach	↗	↗
	CT	Tadeja Versic	Unique view on galaxy halo mass with dynamical modelling of globular cluster systems and lessons from the Milky Way	↗	↗
	CT	Camila Beltrand	Resolved Stellar Halo Kinematics outside the Local Group with MUSE	↗	↗
Chair: <i>Gail</i>	CT/ Remote	Ortwin Gerhard	Dynamics and Chemo-Dynamics of the Galactic Bar	↗	↗



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Time	Type	Name	Title	Screen	Video	
9:00-10:30	IT	Sarah Martell	Stellar Populations in the Milky Way, an observational approach	↗	↗	
	CT/ Remote	Alessandro Savino	The HST Treasury Survey of the M31 satellite system	-	↗	
	CT	Benjamin (Ben) Gibson	Untangling the Chemodynamics of the Stellar Populations in M31	↗	↗	
	Chair: <i>Paul</i>	CT	Jianhui Lian	Unusual integrated metallicity profile of the Milky Way galaxy	↗	↗
10:35-11:00	Morning Tea					
11:00-12:30	CT	Sven Buder	Accreted stars as tracers of the galactic evolution? Milky Way observations vs. cosmological simulations	↗	↗	
	CT	Andreia (Dreia) Carrillo	Can we really pick and choose? Benchmarking various selections of accreted halo stars in observations with simulations	↗	↗	
	CT	Ioana (Jo) Ciucă	The Great Galactic Dip: the mechanisms driving the observed age-metallicity relation in the Milky Way disc	↗	↗	
	CT	Christian (Chris) Hayes	Chemical abundance patterns of the Milky Way and it's dwarf galaxies	↗	↗	
	Chair: <i>Robyn</i>	CT	Michael Hayden	The Chemical Evolution of Disk Galaxies	↗	↗
12:30-13:45	Lunch					
13:45-15:15	Discussion Session					
15:15	Conference Photo					
15:15-15:45	Afternoon Tea					
15:45-17:15	IT	Elisabete da Cunha	Stellar populations of extragalactic galaxies, a theoretical/modelling approach [Fe/H] and [α/Fe] from spectra of red giant stars across M31, M33, and beyond	↗	↗	
	CT	Leigh Wojno	New Dimensions in the Chemical Evolution of Galaxies with Keck/KCWI	↗	↗	
	CT/ Remote	Zhuyun Zhuang	Andromeda as a Stepping Stone to the Local Volume: Resolved Stellar Chemodynamics of Extragalactic Streams, Shells, and Disks	-	↗	
	Chair: <i>Eugene</i>	CT	Ivanna Escala			



Wednesday

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Time	Type	Name	Title		
9:00-10:30	IT	Rhea-Silvia Remus	Dynamics of extragalactic galaxies, a theoretical/simulations approach		
	CT	Anna de Graaff	Into the box: placing the Milky Way in a cosmological context with simulations of galaxy formation		
	CT	Sioree Ansar	Bar Formation and Destruction in Milky Way mass galaxies in the FIRE2 simulations		
<i>Chair: Elisabete</i>	CT	Lucas Valenzuela	A Trace of Light: Tracer Populations in Milky Way Disk Analogs from Simulations and Observations		

10:35-11:00 Morning Tea

11:15-12:15	CT	Natascha Sattler	The vertical structure of the spiral galaxy NGC 3501: first stages of the formation of a thin metal-rich disk		
	CT	Prashin (Prash)	Extragalactic Archaeology via 3D modelling of Integral Field Unit datacubes		
<i>Chair: Elisabete</i>	CT	Zixian (Purmortal) Wang	The Milky Way in Context: Building an IFS Datacube of the Galaxy		

12:15-13:15 Discussion Session

13:15-14:15 Lunch

14:15-17:00 Free Afternoon



Thursday

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Time	Type	Name	Title		
9:00-10:45	IT	Robyn Sanderson	Comparing simulations and observations of the Milky Way		
	CT/ Remote	Andrew Wetzel	Modeling the cosmological origin of stellar kinematics in Milky Way-mass galaxies	-	
	CT	Oscar Agertz	The VINTERGATAN project: towards understanding the origins of the Milky Way		
	CT	Isaiah Santistevan	Modeling the Cosmological Evolution of Satellite Dwarf Galaxies in 6D Phase Space		
<i>Chair: Sarah</i>					

10:45-11:15 Morning Tea

11:15-12:45	IT	Florent Renaud	Prize winner 2020 virtual conference		
	CT	Alina Boecker	Stellar populations in SDSS and TNG50: tracing past merger events from galaxy centers		
	CT	Alicia Savelli	Characterizing Analogues of the Milky Way in Cosmological Simulations		
<i>Chair: Sarah</i>	CT	Matthew (Matt) Bellardini	Stellar redistribution: Understanding chemical tagging in the Milky Way with cosmological simulations		

12:45-13:45 Lunch

13:15-15:15 Discussion Session

15:00-15:30	All	Afternoon Tea			
15:30-17:00	IT	Francesca Frakoudi	Simulating barred galaxies in the cosmological context		
	CT	Diego Sotillo-Ramos	The merger and assembly histories of Milky Way- and M31-like galaxies with TNG50: disk survival through mergers		
		CT/ Remote	Danny Horta	The massive accretion events of Milky Way-like galaxies in the FIRE-2 cosmological simulations	
	CT/ Remote	Ryan Leaman	Connecting Epochs: linking the dynamical evolution and age structure of extragalactic and Galactic disk(s) to their star formation histories		
<i>Chair: Glenn</i>					

19:00-22:00 All Conference Dinner – City Beach Function Centre



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Time	Type	Name	Title	Screen	Video
9:00-10:45	IT	Glenn van de Ven	Comparing extragalactic and galactic observations	↗	↗
	CT/ Remote	Anna McLeod	Quantifying stellar feedback in the Milky Way and nearby galaxies with IFU spectroscopy	-	↗
	CT	Adriano Poci	The Stellar Initial Mass Function as function of Orbital Properties in Nearby Galaxies	↗	↗
	Chair: <i>Florent</i>	Dimitri Gadotti	Stellar kinematics and population properties in the central regions of Milky-Way-like galaxies	↗	↗

10:45-11:15 Morning Tea

11:15-12:30	CT	Sabine Thater	Nuclear star clusters - Linking dynamics and stellar populations in the centres of external galaxies	↗	↗
	CT	Francesca Pinna	Tracing the buildup of Milky Way-mass disk galaxies: stellar populations of thick and thin disks in AURIGA simulations	↗	↗
	CT	Emily Wisnioski	Connecting Epochs: how the chemo-dynamical evolution of disks over cosmic time is imprinted on local galaxies	↗	↗
	Chair: <i>Francesca</i>	Amelia Fraser-Mckelvie	Selecting the perfect Milky Way analogue	↗	↗

12:30-13:30 Lunch

13:30-15:00	CT	Julie Imig	Poster Prize: Most informative poster	↗	↗
	CT	Wei Shen Oh	Poster Prize: Best overall design	↗	↗
	CT	Simon Smith	Poster Prize: Pub-Quiz	↗	↗
	CT	Cristina Martinez-Lombilla	Poster Prize: Need to know more!	↗	↗
Chair: <i>Francesca</i>	CT	Christine Ackerl	Tracing merger histories of Milky Way like galaxies via statistical properties of their stellar populations	↗	↗
	CT	Vivian Tan	Resolved stellar mass growth of Milky Way Analogues since $z \sim 2$	↗	↗
	CT/ Remote	Moein Mosleh	No Evolution in the Half-Mass Radius of Milky-Way-Type Galaxies over the Last 10 Gyrs	-	↗

15:00-15:30 Afternoon Tea

15:30-16:30 Discussion Session

16:30-16:45	Closing				
	Remarks	Jesse van de Sande			↗



Poster Contributions

Name	Title	
Julie Imlig	A Galactic Self-Portrait: Chemical Cartography and Density Modelling of the Milky Way Disk	
Cristina Martinez-Lombilla	The faint outermost disk of the Milky Way-like galaxy NGC 4565	
Wei Shen Oh	High-resolution spectroscopic study of extremely metal-poor stars in the Large Magellanic Cloud	-
Ankit Kumar	Evolution of Bulges and Disks of Galaxies in Flyby Interactions	
Matthew (Matt) Orkney	Exploring the diversity of sausages and their satellite populations in Auriga	
Eric Andersson	Capturing the chemical complexity of galactic winds with star-by-star simulations	-
Žofia Chrobáková	Comparing galactic warp in the Milky Way with other galaxies	
Nathan Sandford	Stellar Chemistry in M31 and Beyond with Next Generation Low-Resolution Spectrographs: Forecasts and Validation	
Susie Tuntipong	Milky Way Analogues (MWAs): Finding siblings of our Milky Way in the SAMI galaxy family	
Noriyuki Matsunaga	Setting the stages of near-infrared spectroscopy for a bird's-eye view of the Milky Way disk from the center to the outer edge	
Simon Smith	Census of Northern Local Group Dwarf Galaxies in UNIONS	
Joao Antonio Silveira do Amarante	Studying the Milky Way evolution with N-body + SPH models	
Daisuke Taniguchi	Linking the Galactic and extragalactic chemical abundances using red supergiants	
Tom Rutherford	Using Tidal Streams and Shells to Trace the Dynamical Evolution of Massive Galaxies	
Katherine Harborne	Comparing stellar kinematics across resolution scales	
Yifan Mai	The Relationship between galaxy rotation and the motion of neighbours	
Lucas Kimmig	Is It Plane to See an Alignment of Milky Way Satellites?	