

Linking the Galactic and Extragalactic - Virtual Meeting

Thursday 3rd and Friday 4th December
All times are in Sydney local time - AEDT (UTC+11)

Session 1 Thursday 3rd December

8:00-8:15	Introduction and Logistics	JvdS and NS
8:15-8:45	Comparing stellar populations theory and observations	Charlie Conroy
8:45-9:15	Stellar Populations in the Milky Way, a theoretical perspective	Chiaki Kobayashi
9:15-10:15	Discussion	Ken Freeman & Ricardo Schiavon

Session 2 Thursday 3rd December

20:00-20:30	Dynamics of the Milky Way, a theoretical perspective	Ortwin Gerhard
20:30-21:00	Dynamics of extragalactic galaxies, a theoretical perspective	Annalisa Pillepich
21:00-22:00	Discussion	James Binney & Claudia Lagos

Session 3 Friday 4th December

8:00-8:25	Dynamics of extragalactic galaxies, an observational perspective	Michele Cappellari
8:25-8:50	The Milky Way's Stellar Chemistry-Dynamics Connection	Gail Zasowski
8:50-9:15	Comparing simulations and observations of Milky Way-like galaxies	Andrew Wetzel
9:15-10:15	Discussion	Joss Bland-Hawthorn & Marie Martig

Session 4 Friday 4th December

20:00-20:30	Stellar populations of extragalactic galaxies, an observational perspective	Patricia Sánchez-Blázquez
20:30-21:00	Stellar Populations in the Milky Way, an observational perspective	Michael Hayden
21:00-22:00	Discussion	Amanda Karakas & Richard McDermid
22:00-22:15	Wrap Up	JvdS and NS

Contributed Talks

Contributed talks are assigned to one of the four sessions. Talks are pre-recorded and available to view outside the session times via the conference website. The contributors will be panelists for the discussion in their assigned session.

Session 1

2) Chemical Abundances in the Stellar Disk and Inner Halo of Andromeda and the Milky Way **Ivanna Escala**

3) A UV-IR portrait of the Milky Way **Catherine Fielder**

4) Debris at the low-mass end: predictions of stellar streams around the LMC and its siblings **Tjitske Starkenburg**

5) Milky Way Analogs in the Local Universe **Nicholas Boardman**

6) On the Flaring of Thick Discs of Galaxies **Joaquin Garcia de la Cruz**

7) Star formation history across the Milky Way from age-chemical abundance structure **Jianhui Lain**

9) Is $[\alpha/\text{Fe}]$ bi-modality a 'genetic' trait of Milky Way-like galaxies? **Ted Mackereth**

10) The relationship of age, Z and abundance of disk stars in a simulated Milky Way **Andrea Carrillo**

11) Studying the early chemical evolution of dwarf galaxies in different environments with RR Lyrae stars **Clara Martínez-Vázquez**

Session 2

12) Galaxy disks in cosmological dark matter halos	Aaron Ludlow
14) The Milky Way as a (uncommon?) barred galaxy: Clues from cosmological simulations on its in-situ bulge, quiescent formation history and bar properties	Francesca Fragkoudi
15) Mass modeling of GCS in external galaxies and lessons from the Milky Way	Tadeja Veršič
16) Chemo-dynamical modelling of external galaxies with DYNAMITE	Sabine Thater
17) Uncovering past galaxy mergers via population-dynamics of their stars	Glenn van de Ven
18) Heating histories of disk galaxies	Payel Das
19) Chemo-kinematical facets of the Milky Way spiral arms and the bar resonances: relation to ridges and known moving groups	Sergey Khoperskov
20) Galactic Mass and Anisotropy Profile with Halo K-Giant and Blue Horizontal Branch Stars from LAMOST/SDSS and Gaia	Sarah A. Bird
21) Interpreting key features of the Milky Way with cosmological-zoom simulations	Robert Grand
22) Tracing the formation history of simulated MW analogues with stellar population kinematics	Tobias Buck
23) Origin of thick disks from high resolution simulations	Sukyoung Yi

Session 3

24) What MUSE can tell us about the stellar kinematics and population properties of nearby Milky-Way-type galaxies?

Dimitri Gadotti

25) Vertical velocity flows in nearby spiral galaxies

Catalina Mora Urrejola

26) Comparing the Formation Histories of Disk Galaxies

Adriano Poci

27) On the very faint edge of Milky Way-like galaxies

**Cristina
Martinez-Lombilla**

28) Exploring the Low-Mass End of the Assembly History of Milky Way-mass Galaxies through Stellar Kinematics

Kaley Brauer

29) A Dynamical Model for Clustered Star Formation in the Milky Way Disk

Harshil Kamdar

31) Chemodynamics of the Milky Way as revealed by large observational surveys

Sanjib Sharma

32) Highlights from a comprehensive survey of stellar streams in the Milky Way's halo

Daniel Zucker

33) The Orbital Histories of Andromeda's Satellite Galaxies

Ekta Patel

Session 4

35) Chemical evolution models for the thick and thin disks	Valeria Grisoni
36) How Unusual is the Milky Way's Assembly History?	Tilly Evans
37) The history of the Milky Way told by its mergers	Florent Renaud
38) Recovering age-metallicity distributions from integrated spectra: validation with MUSE data of a nearby nuclear star cluster	Alina Boecker
39) Stellar kinematics and population properties of bar-built nuclear discs in Milky Way-type galaxies	Adrian Bittner
40) The formation of radial metallicity profiles in Milky Way Analogues in the L-Galaxies 2020 cosmological model	Robert Yates
41) The evolutionary history of the Milky Way disk(s) and halo from Gaia DR2 colour-magnitude diagram fitting	Carme Gallart
42) Stellar populations of galactic bars and drivers of stellar metallicity in galaxies	Justus Neumann
44) Evidence from APOGEE for the presence of a major building block of the halo buried in the inner Galaxy	Danny Horta
45) From the Outside Looking in: What can Milky Way Analogues Tell us About the Star Formation Rate of Our Own Galaxy?	Amelia Fraser-McKelvie