



# National Astronomy Meeting (NAM) 2025

## Friday 11 July 2025

### Revealing the Milky Way with Gaia: Focus on Galactic dynamics in the Gaia era and beyond (09:00 - 10:30)

time	[id] title	presenter
09:00	Prep time	
09:05	[616] The Gaia Mission: Science, Status and Upcoming Data Releases	
09:20	[411] Gaia data access facilities	HAMBLY, Nigel
09:35	[299] Gaia-Sausage-Enceladus merger induced thick and thin disc transition revealed by APOGEE and Gaia	FUNAKOSHI, Natsuki
09:48	[578] The disturbance(s) of the outer Milky Way disc	MCMILLAN, Paul
10:01	[683] Signatures of bar-driven radial migration in the Milky Way disc	
10:14	[801] Distribution Function-based dynamical modelling of stellar systems	

### Revealing the Milky Way with Gaia: Focus on Galactic dynamics in the Gaia era and beyond (14:15 - 15:45)

time	[id] title	presenter
14:15	[289] Modelling the Milky Way structure: impact on stellar and gaseous dynamics	
14:28	[340] Milky Way - Sagittarius like interactions in the TNG50 cosmological simulation	SEMCZUK, Marcin
14:41	[393] Inferring properties of the Milky Way and LMC using Simulation-Based Inference	BROOKS, Richard
14:54	[950] The role of equilibrium dynamical models in understanding the formation histories of the Milky Way and its analogues	
15:07	[456] Dynamical streams in the local stellar halo	
15:20	[982] Deep learning approaches to detecting dark matter in stellar streams	ROGERS, Keir