

Tuesday 10 April 2012

12:30 - 14:30 LUNCH

Session 1 - Introduction

Chair: Laura Watkins

14:30 - 14:45 **Opening**

14:45 - 15:45 **Business cards**

15:45 - 16:15 BREAK

16:15 - 16:40 **Glenn van de Ven**

Overview of dynamical modelling

16:40 - 17:05 **Hans-Walter Rix**

What data can do for you

17:05 - 17:30 **James Binney**

What models can do for you

18:30 - DINNER

Wednesday 11 April 2012

Session 2 - Discrete Data: incompleteness and selection effects

Chair: Ortwin Gerhard

09:00 - 09:25	Gerry Gilmore	Discrete surveys: past, present and future
09:25 - 09:50	Matt Walker	Radial velocity data for Milky Way dSphs
09:50 - 10:15	Nicolas Martin	Beware your tracers - Musings from the PAndAS View on the M31 satellite system
10:15 - 10:45	BREAK	
10:45 - 11:10	Andrea Bellini	HST proper motions for globular clusters
11:10 - 11:35	Ken Freeman	Galactic Bulge: new data
11:35 - 12:10	Discussion	Moderator: Walter Dehnen
	<i>Including slide contributions from:</i>	
	Melissa Ness	<i>The ARGOS Milky Way bulge survey</i>
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Session 3 - Modelling approaches: speed versus accuracy

Chair: Amina Helmi

14:30 - 14:55	Remco van den Bosch	Schwarzschild modelling
14:55 - 15:20	Paul McMillan	Torus modelling
15:20 - 15:45	Inma Martinez-Valpuesta	Made-to-measure/N-body methods
15:45 - 16:15	BREAK	
16:15 - 16:40	Michele Cappellari	Jeans models of 260 galaxies with MCMC
16:40 - 17:05	Matteo Barnabè	CAULDRON: combining lensing and dynamics
17:05 - 17:45	Discussion	Moderator: Hans-Walter Rix
	<i>Including slide contributions from:</i>	
	James Binney	<i>Why base models on action and how to do it?</i>
	Alberto Nardin	<i>Constructing a DF for the solar neighbourhood based on approximations of the third integral of motion</i>
18:30 -	DINNER	

Thursday 12 April 2012

Session 4 - Inference: the challenges of fitting models to data

Chair: John Magorrian

09:00 - 09:25	Laura Watkins	Making the best of the data: discrete modelling of Omega Centauri
09:25 - 09:50	Walter Dehnen	Orthogonal basis function and line-of-sight velocity
09:50 - 10:15	Nicola Amorisco	Line profiles from discrete kinematic data
10:15 - 10:45	BREAK	
10:45 - 11:10	David Nidever	Exploring the Galactic bulge/bar with APOGEE and APOGEE-South
11:10 - 11:35	Jo Bovy	APOGEE constraints on the MW rotation curve
11:35 - 12:15	Discussion	Moderator: Gerry Gilmore
	<i>Including slide contributions from:</i>	
	Alex Büdenbender	<i>From vertical to axisymmetric modelling in the solar neighbourhood</i>
	Matt Walker	<i>A method for measuring slopes of mass profiles of dwarf spheroidal galaxies</i>

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Session 5 - Results 1: versatile dynamics

Chair: Inma Martinez-Valpuesta

14:30 - 14:55	John Magorrian	Lessons from the Galactic center
14:55 - 15:20	Ewa Łokas	Hints and insights from the simulations of tidal stirring of dGs
15:20 - 15:45	Lucia Morganti	Parameter estimation with NMAGIC particle models and the dark matter halo of the intermediate luminosity elliptical galaxy NGC 4494
15:45 - 16:15	BREAK	
16:15 - 16:40	Victor Debattista	Radial migration
16:40 - 17:05	Teresa Antoja	Kinematic groups in distant disc regions with RAVE
17:05 - 17:45	Discussion	Moderator: Wyn Evans
	<i>Including slide contributions from:</i>	
	Amina Helmi	<i>Too big to fail</i>
	Michele Cappellari	<i>The variation of the IMF in early-type galaxies</i>

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Friday 13 April 2012

Session 6 - Results 2: cores or cusps?

Chair: Remco van den Bosch

09:00 - 09:25	Wyn Evans	A core dump
09:25 - 09:50	Josh Adams	Cusped models not ruled out
09:50 - 10:15	Maarten Breddels	Orbital based dynamical models of the Sculptor galaxy
10:15 - 10:45	BREAK	
10:45 - 11:10	John Jardel	Measuring dark matter profiles non-parametrically in dSphs
11:10 - 11:35	Jorge Peñarrubia	Measuring the Milky Way potential without dynamical models
11:35 - 12:05	Discussion	Moderator: Amina Helmi

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Session 7 - Next steps

Chair: Glenn van de Ven

14:30 - 14:55	Aaron Romanowsky	Recovering substructure
14:55 - 15:20	Anthony Brown	Early Gaia data releases and thoughts on data access facilities
15:20 - 15:45	Mark den Brok	Discrete dynamical models with chemical tagging
15:45 - 16:15	BREAK	
16:15 - 16:40	Ortwin Gerhard	What next in dynamical modelling?
16:40 - 17:20	Discussion	Moderator: Ken Freeman
17:20 - 17:35	Closing	

18:30 - DINNER