Inaugural Symposium of Super Science Fellows

Wednesday, 18 April 2012

08:20-08:50 Registration

08:50-09:30 Opening remarks

His Excellency The Honourable Peter Underwood AC, Governor of Tasmania Professor Margaret Britz, Dean of Science, Engineering and Technology Professor Peter Rathjen, Vice-Chancellor of the University of Tasmania

Session 1: The Milky Way Galaxy	
09:30-10:00 Alan Alves-Brito	Red Giant Stars as Tracers of the Chemical Evolution of the Galactic Bulge
10:00-10:30 Catherine Kennedy	Carbon-Enhanced Metal-Poor Stars in the Galaxy
10:30-11:00 Coffee and Tea break	
Session 2: The Milky Way and Beyond	
11:00-11:30 Valentina D'Orazi	Chemical Characterisation of Young and Old Stellar Populations
11:30-12:00 Daniela Carollo	The current view of the halo of the Milky Way
12:00-12:30 Joanne Dawson	The Atomic-to-Molecular Transition in the Milky Way and Beyond
12:30-13:30 Lunch	
Session 3: Geodesy	
13:30-14:00 Anthony Mémin	Geophysical drivers of non-linear site motion in geodetic station coordinates
14:00-14:30 Stas Shabala	Where on Earth are we? The challenges in geodetic Very Long Baseline Interferometry
14:30-15:00 Jamie McCallum	Using the AuScope VLBI Array
15:00-15:30 Coffee break	
Session 5: Galaxy Evolution	
15:30-16:00 Maritza Lara Lopez	A Deeper View of the Mass, Metallicity, and SFR Relationships in GAMA Galaxies
16:00-16:30 James Allen	Classification and Analysis of Emission Line Spectra in Galaxy Surveys
16:30 End of today's talks	
17:40 Bus to Government House leaves near conference venue 18:00-19:00 Reception held at Government House	е

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Thursday, 19 April 2012

Session 4: The High Redshift University	Session	4:	The	High	Redshift	Univers
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9:00-9:30 Thibault Garel	Lyman-Alpha Emission of High Redshift Galaxies
9:30-10:00 Luke Barnes	Lyman-Alpha as a Probe of Galaxy Formation
10:00-10:30 Hansik Kim	The Power Spectrum of Redshifted 21cm Fluctuations in Hierarchical Galaxy Formation Models

 $\textbf{10:30-11:00} \ \ \textit{Coffee and Tea break}$

Session 6: Galaxy Transformation

11:00-11:30 Ed Elson	A Census of Galactic Winds in the Local Universe
11:30-12:00 Amanda Bauer	Linking Star Formation Histories with Galaxy Assembly
12:00-12:30 Matt Owers	Putting the 'MA' in GAMA: The assembly of Abell 1882
12:30-13:00 Michelle Cluver	Connecting Warm H2 Emission and Active
	Transformation within Compact Groups

13:00 End of today's talks

19:00 Conference Dinner at Mures Upper Deck (Dinner served at 19:30)



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Friday, 20 April 2012

Se	ssion	7:	The	Extragal	lactic	Universe	in	HI

09:30-10:00Attilla PoppingDINGO's Walkabout Through the Deep HI Universe10:00-10:30James AllisonExtragalactic HI Absorption with the Australian
SKA Pathfinder

10:30-11:00 Ivy Wong

Understanding the Evolving Local Universe from a Neutral Gas Perspective

11:00-11:30 Coffee and Tea break

Session 8: Radio Continuum and Transients

11:30-12:00 Natasha Hurley-Walker

Commissioning and Calibrating
the Murchison Widefield Array

12:00-12:30 Thomas Franzen

The AT20G-deep pilot survey:

Investigating the faint high-radio-frequency source population

12:30-13:00 Paul Hancock Compact Continuum Source Finding for the Next Generation of Radio Surveys

13:00 End of the Symposium

