

# SkyMapper: Everything you need to know to use the Terabytes

Dates: 7-9 April 2014

Venue: CSO Common Room, RSAA Mt Stromlo,

The Australian National University, Cotter Road, Weston Creek

Webpage: <http://www.caastro.org/event/2014-SkyMapper>

## Monday 7 April 2014

10:00am – 11:00am: Registration and coffee at Possum Hall, AITC Building

Welcome		
11:00am – 11:15am	C. Wolf	Welcome and workshop outline
Session 1: Introduction, CSO Common Room		
Chair: M. Colless		
11:15am – 12:30pm	B. Gaensler	SkyMapper & CAASTRO
	B. Schmidt	SkyMapper – History & Future
	C. Wolf	Project Status and Update
Lunch break: 12:30pm – 1:30pm CSO Courtyard		
Session 2: Technical Session, CSO Common Room		
Chair: H. Jerjen		
1:30pm – 2:00pm	C. Onken	Telescope & science data pipeline
2:00pm – 2:20pm	F. Yuan	Detector array & cosmetics
2:20pm – 2:40pm	B. Schmidt	Photometry & calibration
2:40pm – 3:00pm	C. Wolf	System performance & stats
Coffee Break: 3:00pm – 3:30pm		
Chair: C. Onken		
3:30pm – 4:15pm	S. Murphy	ASVO services and SM database
4:15pm – 4:30pm	S. Driver	Ideas for galaxy photometry
4:30pm – 4:45pm	A. Milone	Ideas for crowded-field photometry
4:45pm – 5:00pm		Roundup on data services
Close – Drinks at Fellow's Bar, ANU Campus		

## Tuesday 8 April 2014

Session 3: Transients, CSO Common Room		
Chair: M. Childress		
9:00am – 9:30am	R. Scalzo	SkyMapper supernova survey
9:30am – 10:00am	M. Bailes	Parkes: pulsars and radio transients
10:00am – 10:20am	F. Yuan	SkyMapper ToO programmes
10:20am – 10:30am		Roundup: transient opportunities
Coffee Break: 10:30am – 11:00am		
Session 4: The Kepler K2-Mission		
Chair: B. Schmidt		
11:00am – 11:10am	B. Tucker	The Kepler-Mission K2
11:10am – 11:25am	B. Tucker	K2: KEGS & supernovae
11:25am – 11:45am	D. Bayliss	Planets in HATS, K2, TESS & PLATO
11:45am – 12:05pm	M. Ireland	K2: The origin of hot Jupiters
12:05pm – 12:20pm	D. Nataf	K2: Microlensing in the bulge
12:20pm – 12:30pm		Roundup: SkyMapper & K2

Lunch break: 12:30pm – 1:30pm		
Session 5: Galaxies & Multi-Wavelength Science		
Chair: B. Tucker		
1:30pm – 1:50pm	H. Jerjen	Filtering and dwarf satellites
1:50pm – 2:10pm	A. Hopkins	TAIPAN
2:10pm – 2:35pm	B. Koribalski	ASKAP-WALLABY
2:35pm – 3:00pm	N. Seymour	ASKAP-EMU & SkyMapper synergy
Coffee Break: 3:00pm – 3:30pm		
Chair: D. Bayliss		
3:30pm – 3:50pm	S. Driver	Multi-lambda SEDs
3:50pm – 4:10pm	M. Salvato & C. Wolf	eROSITA
4:10pm – 4:30pm	C. Wolf	Photometric redshifts
4:30pm – 5:00pm		Roundup: Multi-lambda & photo-z's
Close		

Wednesday 9 April 2014

Session 6: Stars and the Galaxy, CSO Common Room		
Chair: D. Nataf		
9:00am – 9:30am	S. Murphy	SkyMapper H-alpha survey
9:30am – 9:50am	L. Howes	Bulge observations
9:50am – 10:10am	M. Bessell	Extremely metal-poor stars
10:10am – 10:30am	A. Dotter	Stellar isochrones for SkyMapper
Coffee Break: 10:30am – 11:00am		
Chair: G. da Costa		
11:00am – 11:30am	E. Wylie de Boer	The GALAH survey
11:30am – 12:00pm	M. Ireland	FunnelWeb pre- and post-GAIA
12:00pm – 12:30pm		Workshop conclusion
Close and Lunch – 12:30pm		