SPARCS 2015 Program
SKA Pathfinder Radio Continuum Surveys

Protea Kruger Gate Hotel
1-3 July 2015

Tuesday: 30 June 2015

18:30 – 21:00	Reception and Registration	

Wednesday: 1 July 2015

Update on Survey Projects and Facilities

08:45 - 09:00	Welcome and Opening Remarks	Bernie Fanaroff
09:00 – 09:30	MeerKAT Commissioning and Early Science	Justin Jonas
09:30 – 10:00	ASKAP Commissioning and Early Science	Josh Marvil
10:00 – 10:30	EMU Update	Ray Norris
10:30 – 11:00	***Coffee***	
11:00 – 11:30	MIGHTEE	Kurt van der Heyden
11:30 – 11:50	GMRT Upgrade	Dharam Lal
11:50 – 12:10	VLA and VLASS	Sanjay Bhatnagar
12:10 – 12:30	The High Angular Resolution e-Merge Galaxy Evolution Survey	Tom Muxlow
12:30 – 12:50	Polarization Surveys	Russ Taylor
12:50 – 14:30	***Lunch***	
14:30 – 14:50	ASKAP and MWA Synergy: A new Era of Broadband Radio Astronomy	Nick Seymour
14:50 – 15:10	Deep Continuum Surveys with the GMRT at 325 MHz	Yogesh Wadadekar
15:10 – 15:30	ATCA 2.1 GHz Observations of the XLL-S Field: Survey Description and Initial Results	Minh Huynh
15:30 – 15:50	The ATCA-CABB Survey in the XLL Field	Paolo Cillegi
15:50 – 16:20	***Coffee***	
16:20 – 16:40	The KAT-7 Interferometric Sky Survey	Nadeem Oozeer

Cosmology

16:40 – 17:00	Cosmology with Large Radio Continuum Surveys	Mario Santos
17:00 – 17:20	Continuum Cosmology with ASKAP	Glen Rees

Thursday: 2 July 2014

Wide-field, Wide-band Imaging

09:00 – 09:30	Wide-band, Wide-field Full Polarization Imaging: Challenges Progress and Plans	Sanjay Bhatnagar
09:30 – 09:50	Off-Axis Direction Dependent Polarization Effects, Corrections and Imaging Limits	Preshanth Jagannathan
09:50 – 10:10	Multi-Frequency Image Reconstruction for Radio Astronomy: A Regularized Inverse Problem Approach	Chiara Ferrari
10:10 – 10:30	Kalman Filters, Wirtinger Calculus, Faceting and Baseline-dependent Averaging for WFWB Calibration and Imaging.	Oleg Smirnov
10:30 – 11:00	***Coffee***	
11:00 – 11:20	Incorporation of Antenna Primary Beam Effects in Calibration of Wide-field, wide-band Radio-interferometric Data	Modhurita Mitra
11:20 – 11:40	Bayesian Inference for Radio Astronomy (BIRO)	Iniyan Natarajan

Radio Sources and Multi-wavelength Approaches

11:40 - 12:00	HELP-ing Radio Continuum Surveys: The Herschel Extragalactic Legacy Project	Mattia Vaccari
12:00 – 12:20	Characterizing the Faint AGN (RQ) Component in Deep Radio Fields: Ongoing Activity and EMU perspectives	Isabella Prandoni
12:20 – 14:00	***Lunch***	
14:00 – 14:20	The Nature of the MicroJy Source Population	Emmanuel Ocran
14:20 – 14:40	Exploring the Faint Source Population at 15.7 GHz	Imogen Whittam
14:40 – 15:00	Where are the Radio Counterparts to the Low-redshift Far-infrared Luminous Sources?	Kim McAlpine
15:00 – 15:20	A Polarization Study of AGN in the Local Universe	Riona Ramraj
15:20 – 16:00	***Coffee***	
16:00 – 16:20	The 325-MHz Luminosity Function of Star Forming Galaxies and AGN	Matt Prescott
16:20 – 16:40	Resolving the Obscured Cosmic Accretion History and Modes of Galaxy Assembly	Wiphu Rujopakarn
16:40 – 17:00	Far-infrared-Radio Relations in Clusters and Groups at Intermediate Redshift	Solohery Randriamampandry
18:00 -	***Conference Braai***	

Friday: 3 July 2015

Radio Galaxies

09:00 – 09:20	FRI and FRII Galaxies: New Insights from Radio and X-ray Data	Dharam Lal
09:20 – 09:40	Ram Pressure Statistics for Bent-tail Radio Galaxies	Zolile Mguda
09:40 – 10:00	The Effect of Environment on Black Hole Accretion Properties	Sthabile Kolwa
10:00 – 10:20	Unveiling the Population of High-redshift Radio Galaxies Using Deep Radio Continuum Surveys	Veeresh Singh

Astronomy Below the Survey Threshold

10:20 – 10:40	Astronomy Below the Survey Threshold	Jonathan Zwart
10:40 – 11:00	***Coffee***	
11:00 – 11:20	MicroJansky Radio Sources: Counts, Confusion and Catalogues	Tessa Vernstrom
11:20 – 11:40	The Power of N	Jeroen Stil
11:40 – 12:00	Discussion of Below the Threshold Data Challenge	
12:00 – 13:30	***Lunch***	
13:30 – 15:00	**MIGHTEE Planning Meeting**	
15:00 – 15:30	***Coffee***	
15:30 – 16:30	**The Future of SPARCS**	
16:30	***Game Drive***	