

SALT Science Conference 2015

Monday June 1

Time	Speaker	Title
	Opening Session	
9:00	D. Buckley	Welcome
9:05	T. Williams	Remarks from SAAO Director
9:15	M. Shara	Remark from SALT Board Chair
9:25	E. Wilcots	SALT's success
9:45	S. Manxoyi	SALT Collateral Benefits
10:00	Minister Pandor	Minister's Address
10:20	M. Motsoaledi	Vote of thanks
10:25		Launch of Science with SALT video
10:55		Break
	Chair: M. Shara	Janusz Kaluzny, Session 1
11:10	M. Sarna	<u>Janusz Kaluzny (1955-2015): career and activity</u>
11:55	B. Chaboyer	<u>Spectroscopic Study of the Low-Mass Eclipsing Binary UV Psc</u>
12:15	L. Townsend	<u>Observing Galactic high-mass X-ray binaries with SALT</u>
12:35		Lunch
	Chair: M. Sarna	Janusz Kaluzny, Session 2
13:30	A. Rajoelimanana	<u>SALT observations of the Be/X-ray binary A0538-66</u>
13:50	J. Menzies	<u>A Carbon-rich Mira variable in a globular cluster: A stellar merger</u>
14:10	V. McBride	<u>Target of opportunity observations of an X-ray binary in outburst</u>
14:30	P. Vaisanen	<u>How to best use SALT: maximizing your chances</u>
14:50		Break
	S. Crawford	Workshop Session 1
15:20		SALT Data Analysis Tools
15:40		SALT Software Workshop
18:00		Welcome Reception

Tuesday June 2

Time	Speaker	Title
	Chair: I. Loubser	ALMA and Related Science
9:00	K. Sheth	<u>Transformational Science with ALMA and Synergies with SALT and SKA</u>
9:45	C. Mitchell	<u>The RINGS Survey: High-Resolution H-alpha Velocity Fields of Nearby Spiral Galaxies with the SALT Fabry-Perot</u>
10:05	J. Sellwood	<u>H-alpha emission from galaxies at anomalous velocities</u>
10:25	P. Vaisanen	<u>SALT and SUNBIRD: Young massive star clusters and superwinds in strongly star-forming galaxies</u>
		Break
	Chair: A. Ratsimbazafy	Star Formation in Galaxies
11:15	K. Vaghmare	<u>Star Formation Histories of S0 Galaxies</u>
11:35	R. Skelton	<u>Constraining the merger history of Luminous Red Galaxies with SDSS and SALT</u>
11:55	D. Groenewald	<u>The importance of mergers to the stellar mass build-up of Brightest Cluster Galaxies</u>
12:15	I. Loubser	<u>Fuelling the star formation in Brightest Cluster Galaxies</u>
12:35	Poster Talks #1	
12:55		Lunch
	Chair: P. Whitelock	Galaxies
14:00	S. Serjeant	<u>Synergies between SALT and Herschel, Euclid and the SKA: strong gravitational lensing and galaxy evolution</u>
14:45	M. Vaccari	<u>HELP-ing Digital Surveys : The Herschel Extragalactic Legacy Project</u>
15:05	R. Ramphul	<u>Characterising (U)LIRGs using SALT/RSS</u>
15:25	A. Ratzimbazafy	<u>Age-dating Luminous Red Galaxies observed with the Southern African Large Telescope</u>
15:45		Break
16:15	S. Crawford	SALT Software Workshop
18:00	End of Day 2	

Wednesday June 3

Time	Speaker	Title
	Chair: T. Williams	The Variable Universe
9:00	L. Walkowicz	<u>LSST</u>
9:45	D. Buckley	<u>SALT Investigations of Transients</u>
10:05	E. Kasai	<u>The SALT spectroscopic follow-up program of supernova candidates discovered by the Dark Energy Survey</u>
10:25	P. Charles	<u>Multi-wavelength Studies of High Latitude BH X-ray Transients</u>
10:45		Break
	Chair J. Hughes	The Variable Universe #2
11:15	T. Garrigoux	<u>Observing optical and very high energy emission from gamma-ray bursts</u>
11:35	Y. Lou	<u>Hypermassive Black Hole Shines in the Childhood Universe</u>
11:55	B. Tofflemire	<u>Accretion Dynamics in Pre-Main Sequence Binaries</u>
12:15	M. Shara	<u>Cataclysmic Variables in the LMC</u>
12:35	Poster Talks #2	
12:55		Lunch
	Chair: R. Skelton	The Variable Universe - AGN
13:40	K. Hainline	<u>Obscured Quasars: Finding and Understanding the Most Luminous Active Supermassive Black Holes with SALT</u>
14:00	L. Klindt	<u>Southern African Large Telescope spectroscopy of unclassified Active Galactic Nuclei in the Fermi-2LAC catalogue</u>
14:20	W. Kollatschny	<u>Multifrequency observations of the extreme X-ray weak quasar PG0043</u>
14:40	R. Srianand	<u>Probing the time variability of high velocity outflows in QSOs</u>
15:00	R. Britto	<u>Study of flaring quasars using SALT/gamma-rays correlations</u>
15:30		Wine Tasting
19:00		Conference Dinner

Thursday June 4

Time	Speaker	Title
	Chair: R. Kraan-Korteweg	SALT and The Radio Universe
9:30	J. Jonas	MeerKAT - an update
10:15	M. Bankowicz	<u>SALT observations of the largest radiogalaxies</u>
10:35	R. Dutta	<u>Cold HI 21-cm Absorption Line Survey</u>
10:55		Break
	Chair: M. Cluver	SALT and The Radio Universe #2
11:25	S. Blyth	<u>Looking At the Distant Universe with MeerKAT and SALT</u>
12:10	N. Gupta	<u>The MeerKAT Absorption Line Survey: building the dust unbiased quasar sample</u>
12:30	B. Tapsoba	<u>Analysis of SALT Fabry-Perot medium resolution data</u>
12:50	S. Zola	<u>Multiwavelength variability of the J2042+7508 radio quasar</u>
13:10		Lunch
	Chair: R. Britto	Galaxy Groups and Clusters
14:15	R. Kraan-Korteweg	<u>The Unveiling of the newly discovered Vela Supercluster</u>
14:35	D. Nielsen	<u>Investigating the intergalactic medium in galaxy groups</u>
14:55	M. Hilton	<u>SALT spectroscopic observations of galaxy clusters detected by ACT and a Type II quasar hosted by a brightest cluster galaxy</u>
15:15	J. Hughes	<u>On the Trail of the Most Massive Galaxy Clusters in the Universe</u>
15:35		Break
	Chair: S. Jeffrey	Milky Way and Planets
16:10	M. Feast	<u>Cepheids in the flared outer disk of our Galaxy</u>
16:30	T. Williams	<u>Diffuse Interstellar Bands in Emission</u>
16:50	T.O. Husser	<u>The Search for Planets around Evolved Binary Stars</u>
17:10	D. Trilling	<u>Current and future observations of Solar System small bodies with SALT and RSS</u>
17:30	End of Day 4	

Friday June 5

Time	Speaker	Title
	Chair: V. McBride	Stellar Astrophysics
9:00	S. Barway	<u>The disappearing string of pearls: Super Star Clusters in a nuclear star-forming ring of NGC 2328</u>
9:20	A. Kniazev	<u>Revealing evolved massive stars with Spitzer and WISE</u>
9:40	P. Whitelock	<u>Hot Bottom Burning Star in IC1613</u>
10:00	S. Potter	<u>Multi-tomography of polars from SALT spectroscopy</u>
10:20		Break
	Chair: K. Hainline	Stellar Astrophysics #2
10:50	I. Monageng	<u>On the relationship between circumstellar discs and X-ray outbursts in Be X-ray binaries</u>
11:10	S. Jeffery	<u>SALT observations of hot subdwarfs and other evolved stars</u>
11:30	E. O'Malley	<u>High Resolution Spectroscopic Abundance Analysis of Metal-Poor Stars</u>
11:50	L. Bartlett	<u>Observational Constraints on the Nature of the Extreme Luminous Blue Variable S18 (and S134)</u>
12:10		Lunch
	Chair: E. Wilcots	SALT's Future
13:10	B. Bassett	<u>Machine Learning Classification of Transients</u>
13:30	Z. Wang	<u>Multi-wavelength studies of pulsar binaries</u>
13:50	E. Aydi	<u>OGLE-2015-NOVA-01: An Unusual Nova</u>
14:10	M. Wolf	<u>SALT's Venture into Near Infrared Astronomy with RSS-NIR</u>
14:30	G. Mosby	<u>The RSS-NIR Detector System Progress</u>
14:50	M. Shara	<u>Conference Summary</u>
15:00	End of Day 5	