



PROGRAMME AS AT 21 OCTOBER 2020

Tuesday, 20 October 2020

Start	End	
9:45 AM	12:30 PM	THE UNVEILING OF THE SAAO AS A NATIONAL HERITAGE SITE
12:30 PM	2:00 PM	BREAK
2:00 PM	4:45 PM	KEYNOTE ADDRESSES
		Chairs: Shazrene Mohamed & Rosalind Skelton
		WELCOME Clifford Nxomani
2:00 PM		
2:15 PM		THE SAAO IN THE 21ST CENTURY Petri Vaisanen
2:45 PM		THE IAU AND ASTRONOMY'S ROLE IN EDUCATION AND DEVELOPMENT Ewine van Dishoeck
3:15 PM		SKA: BUILDING AN OBSERVATORY TO STUDY THE DAWN OF TIME AND THE ORIGINS OF LIFE Philip Diamond
3:45 PM		SOCIO-ECONOMIC IMPACT OF SAAO AND SALT Anthony Mietas
4:15 PM		ASTRONOMY FOR DEVELOPMENT Vanessa McBride
4:45 PM	5:00 PM	CLOSE OF DAY ONE

Wednesday, 21 October 2020

Start	End	
8:50 AM	10:10 AM	
		Chairs: Itumeleng Monageng & Daniel Cunnama
8:50 AM		A GOLDEN AGE FOR ASTRONOMY Bernard Fanaroff
9:10 AM		THE CAPE OBSERVATORY 1820 - 1972 Ian Glass
9:30 AM		ROYAL ASTRONOMICAL SOCIETY Emma Bunce
9:50 AM		USING THE IZIKO PLANETARIUM AND DIGITAL DOME TO BRING SOUTH AFRICAN ASTRONOMY TO THE PUBLIC Sally Macfarlane
10:10 AM	11:10 AM	BREAK
11:10 AM	12:50 PM	
		Chairs: Sally Macfarlane & Moses Mogotsi
11:10 AM		AN UPDATE ON MEERKAT AND PROGRESS TOWARDS THE SKA Rob Adam
11:30 AM		THE GLEAM 4-JY SAMPLE: THE BRIGHTEST RADIO-SOURCES IN THE SOUTHERN SKY Sarah White
11:50 AM		THE HISTORY OF SALT: FROM VISION TO REALITY David Buckley
12:10 PM		SALT AND TESS MONITORING OF CENTRAL STARS OF PLANETARY NEBULAE Kelebogile Bonokwane
12:30 PM		AFAS THE NEW CONTINENTAL ASTRONOMY PLAYER A TALE OF TWO OBSERVATORIES Jamal Mimouni
12:50 PM	1:50 PM	BREAK

1:50 PM	3:30 PM	
		Chairs: Brad Frank & Naomi Titus
1:50 PM		OUTREACH AND PUBLICITY - HISTORY AND CURRENT Sivuyile Manxoyi
2:10 PM		SHARED SKY TO KAROO COSMOS INDIGENOUS KNOWLEDGE AND ETHNO-ASTRONOMY John Parkington
2:30 PM		NATURAL PHILOSOPHY AND EDUCATION FOR THE COMMON GOOD: PARALLEL ELEMENTS IN THE WORK, LIVES AND THOUGHTS OF VICTORIAN SCIENTISTS Chris Sterken
2:50 PM		COSMOLOGY WITH THE SKA Roy Maartens
3:10 PM		MULTIWAVELENGTH VIEWS OF FEEDBACK AND THE BARYON CYCLE Moses Mogotsi
3:30 PM	3:40 PM	WRAP UP OF DAY TWO
3:40 PM	4:40 PM	POSTER SESSION
Thursday, 22 October 2020		
Start	End	
8:30 AM	10:10 AM	
		Chairs: Jordan Collier & Tshamisio Makwela
8:30 AM		BEFORE THE BIG BANG OF THE SQUARE KILOMETRE ARRAY (SKA): 250 YEARS OF ASTRONOMY IN SOUTH AFRICA Saul Dubow
8:50 AM		AN E-LEARNING PLATFORM FOR AFRICAN RADIO ASTRONOMY Ruby van Rooyen
9:10 AM		THE NATIONAL ASTROPHYSICS AND SPACE SCIENCE PROGRAMME (NASSP) Patricia Whitelock
9:30 AM		LINE-OF-SIGHT-EFFECTS IN STRONG GRAVITATIONAL LENSING Julien Larena
9:50 AM		HISTORICAL CHALLENGES OF ASTRONOMY TRANSFORMATION IN SOUTH AFRICA Lerothodi Leeuw
10:10 AM	11:10 AM	BREAK
11:10 AM	12:50 PM	
		Chairs: Daniel Cunnama & Jacinta Delhaize
11:10 AM		COSMOLOGY WITH FAST RADIO BURSTS Amanda Weltman
11:30 AM		THE CONUNDRUM OF HUBBLE CONSTANT: A PHYSICAL SOLUTION Yin-zhe Ma
11:50 AM		IMAGING BLACK HOLE SHADOWS FROM AFRICAN SOIL Roger Deane
12:10 PM		A MULTI-WAVELENGTH STUDY OF BE XRAY BINARIES IN THE SMALL MAGELLANIC CLOUD Itumeleng Monageng
12:30 PM		ASTROSTAYS: COMMUNITY-CENTRIC ASTRO-TOURISM FOR LIVELIHOOD CREATION Amidou Sorgho
12:50 PM	1:50 PM	BREAK
1:50 PM	3:30 PM	
		Chairs: Kathryn Rosie & Nikki Peceur
1:50 PM		THE EFFECTS OF ENVIRONMENT ON GALAXY EVOLUTION Rosalind Skelton
2:10 PM		NICOLAS-LOUIS DE LACAILLE: PIONEER OF SCIENTIFIC CARTOGRAPHY IN SOUTHERN AFRICA Roger Stewart
2:30 PM		A BRIEF HISTORY OF THE RADCLIFFE OBSERVATORY IN SOUTH AFRICA Robin Catchpole
2:50 PM		SKA AFRICAN VLBI NETWORK Carla Sharpe
3:10 PM		BREAKING THE SHACKLES OF TIME: LIBRARY & INFORMATION SERVICES IN ASTRONOMY (LISA) AT THE SAAO Theresa de Young
3:30 PM	4:00 PM	BREAK
4:00 PM	5:00 PM	
		Chairs: Daniel Cunnama & Daniël Groenewald
4:00 PM		SUNNY OUTLOOK FOR COMPUTATIONAL STELLAR ASTROPHYSICS Shazrene Mohamed
4:20 PM		AFTER GILL: THE SHAPE OF ASTRONOMY IN SOUTH AFRICA, 1907 - 1937 Keith Snedegar
4:40 PM		DEVELOPING AN ARRAY OF SMALL PARABOLIC ANTENNAS AT MAURITIUS RADIO TELESCOPE (MRT) SITE FOR RADIO ASTRONOMY EXPERIMENTS Albert Forson
5:00 PM	5:15 PM	CLOSE OF DAY THREE

Friday, 23 October 2020

Start	End	
8:30 AM	10:10 AM	
		Chairs: Nicolas Erasmus & Mokhine Motsoaledi
8:30 AM		HOW AGN STUDIES ARE BENEFITING ASTRONOMY DEVELOPMENT IN ETHIOPIA AND AFRICA? Mirjana Povic
8:50 AM		THE ASTRONOMICAL SOCIETY OF SOUTHERN AFRICA Chris Stewart
9:10 AM		GAMMA-RAY ASTRONOMY IN SOUTHERN AFRICA AND SCIENTIFIC SYNERGIES BETWEEN SAAO, SKA AND HIGH-ENERGY ASTROPHYSICS Garret Cotter
9:30 AM		SOUTHERN AFRICAN LARGE TELESCOPE SPECTROSCOPY OF BLAZARS FOR THE CHERENKOV TELESCOPE ARRAY PROJECT Eli Kasai
9:50 AM		PUBLIC ENGAGEMENT AT SAAO: ASTRONOMY IN THE COMMUNITY Tana Joseph
10:10 AM	11:10 AM	BREAK
11:10 AM	12:50 PM	
		Chairs: Lee Townsend & Jacinta Delhaize
11:10 AM		DARK ENERGY WITH HIRAX 21CM INTENSITY MAPPING Kavilan Moodley
11:30 AM		THE STRUCTURE OF A QUASI KEPLERIAN DISC AROUND A MILLISECOND X-RAY PULSAR Edward Juruu
11:50 AM		IMPACT OF ASTRONOMY IN TRANSFORMING AFRICA Solomon Tessema
12:10 PM		WHAT CAN THE SIMBA GALAXY FORMATION SIMULATIONS DO FOR YOU? Romeel Dave
12:30 PM		STAR CLUSTERS AND RADIO AGNS AS VITAL TOOLS TO STUDY STAR FORMATION AND GALAXY EVOLUTION Zara Randriamanakoto
12:50 PM	1:50 PM	BREAK
1:50 PM	3:30 PM	
		Chairs: Zara Randriamanakoto & Rudi Kuhn
1:50 PM		THE UK SALT CONSORTIUM - 50 YEARS OF UK ASTRONOMERS' COLLABORATION WITH SOUTH AFRICA Phil Charles
2:10 PM		SLIT MASKS IFUS (SMI) FOR THE ROBERT STOBIE SPECTROGRAPH ON SALT Sabyasachi Chattopadhyay
2:30 PM		A HIGH RESOLUTION STUDY OF A SUPERNOVA EVOLUTION Naftali Kimani
2:50 PM		MULTIWAVELENGTH ASTRONOMY IN NAMIBIA Michael Backes
3:10 PM	3:40 PM	BREAK
3:40 PM	4:45 PM	
		Chairs: Zara Randriamanakoto & Marcin Glowacki
3:40 PM		50 YEARS OF ASTRONOMY AT UCT Patrick Woudt
4:00 PM		MACHINE LEARNING APPLICATIONS IN SOUTH AFRICA Michelle Lochner
4:20 PM		THE AGE OF AI: THE NEXT 200 YEARS Bruce Bassett
4:40 PM	4:55 PM	CLOSE OF SAAO 200 SYMPOSIUM