

African Astronomical Society conference and General Assembly 2025 (AfAS-2025)

Monday, 24 March 2025

Science: Galaxies (13:30 - 15:00)

time	[id] title	presenter
13:35	[50] AGN astrometry: A powerful tool for galaxy kinematic studies	KIMANI, Naftali
13:50	[112] The search for Binary Supermassive Black Holes in WF-VLBI data	VAN DER DUSSEN-REINECKE, Sophia
14:05	[5] Probing the environmental dependence of low surface brightness galaxy properties using marked statistics	SURESHKUMAR, Unnikrishnan
14:20	[201] Quasar 3C 47: Extreme Population B Jetted Source With Double-peaked Profile	Dr MENGISTUE, Shimeles
14:35	[152] First results from SC2RG: The Star Clusters in Collisional Ring Galaxy Survey.	Dr RANDRIAMANAKOTO, Zara

Science: Galaxy Clusters (15:30 - 16:30)

time	[id] title	presenter
15:30	[8] Statistical detection of kSZ Signal of DESI Galaxy Clusters on ACTPol DR-4	MDLALOSE, Mthokozisi
15:45	[133] Unveiling Large Scale Structure Formation in the Nearby Universe: The Spectacular Shapley Supercluster	TREHAEVEN, Keegan
16:00	[91] Star Formation Histories and Evolutionary Pathways of Fornax Galaxies	ZEWDIE, Dejene
16:15	[142] Growth of Ex-situ Diffuse Intragroup Light in Simulated Galaxy Groups	BILATA WOLDEYES, Betelehem

Tuesday, 25 March 2025

Science: Transients, Compact Objects (11:00 - 12:30)

time	[id] title	presenter
11:00	[118] Exploring the radio transient sky with the MeerKAT telescope	Dr NYAMAI, Miriam
11:15	[3] Mauve: a three-year UV-Vis survey dedicated to monitor stellar activity and variability	Dr MAJIDI, Fatemeh Zahra
11:30	[166] The role of mass accretion rates during the outburst evolution of black hole candidate; MAXI J1535-571	EZE, Ambrose
11:45	[204] Corona and Chromospheric Active Stars in the SARA0 MeerKAT Galactic Plane Survey (SMGPS)	EGBO, Daniel
12:00	[139] The Effect of Intrabinary Shock Geometry on Spider Binary Spectra and Light Curves	Prof. VENTER, Christo
12:15	[165] Flash: A New Survey and Follow-up Telescope Covering the Southern Sky at 1-second Cadences	YOTTI, Bret

Science: Stars, star formation (13:30 - 15:00)

time	[id] title	presenter
13:30	[99] A revisit of the evolutionary sequence of high-mass stars	CHIBUEZE, James
13:45	[127] Discovery of circular polarisation in 4.7 GHz excited OH masers	Prof. SMITS, Derck
14:00	[129] Maser linear polarisation changes	FALLON, Paul
14:15	[80] HII regions and SNRs associated to molecular clouds: A study with the SMGPS and SEDIGISM surveys.	Mr LANGA, Moses
14:30	[51] First detection of prebiotic molecules in a protoplanetary disk	FADUL, Abubakar

Science: Cosmology (15:30 - 16:30)

time	[id] title	presenter
15:30	[105] Verifying Cosmological Simulations: Searching for Extended HI Emission in the Fornax Cluster	ADAM, Nabeelah
15:45	[6] Searching for Cosmic Inflation with the Simons Array	EVANS, Rhodri
16:00	[107] Dark Energy Insights through Anisotropies in the Clustering of Post-EoR HI Distribution	Dr DASH, Chandrachud Bijay Vaswar

Wednesday, 26 March 2025

Science: Instruments (11:00 - 12:30)

time	[id] title	presenter
11:00	[117] An Overview of the South African Astronomical Observatory	SKELTON, Rosalind
11:15	[156] Update on the Astronomy operations with the Southern African Large Telescope	GROENEWALD, Daniël Dr ROMERO-COLMENERO, Encarni
11:30	[172] The Intelligent Observatory – Advancing Astronomical Operations and Research	Prof. POTTER, STEPHEN
11:45	[29] The Rapid-Response Fully-Automated NEA Follow-Up Program with the SAAO's 1-m Lesedi Telescope	NGWANE, Thobekile Sandra
12:00	[194] Refurbishing the ROTSE facility in Namibia	Prof. BUCKLEY, David

Thursday, 27 March 2025

Science: Galaxies (11:00 - 12:30)

time	[id] title	presenter
11:00	[49] A consistent radio to sub-mm pc-scale study of the nucleus of NGC 1068	MUTIE, Isaac
11:15	[158] Testing the Merger-AGN-SFR Connection in 3.4 μm Selected Dynamically Close Galaxy Pairs	CHISHALA, Josephine
11:30	[213] Emission line properties of type-2 AGN in the Lockman-SpReSO survey	Ms ASSEFA, Bereket
11:45	[122] The Dawn of Quantum Astrophysics: Superfluid Stars as Black Hole Mimickers	ZLOSHCHASTIEV, Konstantin
12:00	[164] Cosmic Web Environmental Effects on Subhalo Abundance and Internal Density Profiles	HUNDE, Feven Markos
12:15	[191] Scientific Insights into the Atlas Dark Sky Reserve	BENKHALDOUN, Zouhair

Science: Science - Others (13:30 - 15:00)

time	[id] title	presenter
13:30	[59] The Sun-as-a-Star in an Extended Low-Order Solar Dynamo Model	BECHEKER, Katia
13:45	[95] High-resolution analysis of recent Martian impact craters	Mr DALDOUL, Mayssa
14:00	[113] Advancing Exoplanet Imaging with Interferometric Apodization by Homothety: Applications in APLC Coronagraphs	Dr CHAFI, Jamal
14:15	[161] IceCube and the Astrophysical Probe of Pseudo-Dirac Neutrinos	DIXIT, Khushboo
14:30	[119] Investigation into the Cause of Time-Lags in the Arrival Times of Photons of Different Frequencies Emanating from Gamma-Ray Bursts	ABBEY, Godson

Science: ML & techniques (15:30 - 16:30)

time	[id] title	presenter
15:30	[23] Enabling New Discoveries with Machine Learning	LOCHNER, Michelle
15:45	[30] Deep-learning identification of a hidden Compton-Thick AGN population between $2 < z < 4$ in large JWST surveys	MAKECHEMU, Shingirai
16:00	[159] The Study of Star Formation in RedMaPPer Galaxy Clusters through Stacking Radio Continuum Data	RALITERA, Ny Ando
16:15	[225] Modelling a Large Population of HI sources using Bayesian Statistics	Ms MOTHA, Nomthendeleko