

SAIP2017**Tuesday 04 July 2017****Astrophysics - A303B (11:10-12:10)****-Conveners: Christo Venter**

time	[id] title	presenter
11:10	[31] Spectral analysis of Fermi-LAT Gamma-ray bursts with known redshift and their potential use as cosmological standard candles	Mr DIRIRSA, Feraol F.
11:30	[38] Multi-TeV flaring from blazars: Markarian 421 as a case study	Dr MIRANDA PALACIOS, Luis Salvador
11:50	[185] Echo Mapping of Active Galactic Nuclei	Mr HLABATHE, Michael

Astrophysics - A303B (14:00-15:40)**-Conveners: Markus Bottcher**

time	[id] title	presenter
14:00	[313] Gamma-ray Pulsars - A Cosmic Treasure Chest	Prof. VENTER, Christo
14:20	[350] Fluctuations in the Extragalactic Background Light and its Effects on the Hard Gamma Ray Spectrum	Mr KUDODA, Ayman
14:40	[376] Investigating electronic pedestals of the analogue front-end boards of the upgraded High-Energy Stereoscopic System (H.E.S.S.-I) cameras	Mr SHININGAYAMWE, Kleopas
15:00	[431] Modelling Polarization by the Inverse Compton Scattering Process	Mr SINGH, Baibhaw

Wednesday 05 July 2017

Astrophysics - A303B (10:00-10:40)

-Conveners: Christo Venter

time	[id] title	presenter
10:20	[11] Cosmic ray diffusion and the role of nearby sources in the study of positron excess	Dr JOSHI, Jagdish Chandra

Astrophysics - A303B (11:10-12:10)

-Conveners: Markus Boettcher

time	[id] title	presenter
11:10	[89] Shell-model calculations of the Cl-34(p,gamma)Ar-35 astrophysical reaction rates	Prof. RICHTER, Werner
11:30	[233] The effects of primordial chemistry and streaming velocities on Pop III star formation	Mr UNTERSLAK, Matthew
11:50	[410] Discretization of an extended solar system	Prof. WAGENER, Pieter

Astrophysics - A303B (14:00-15:40)

-Conveners: Christo Venter

time	[id] title	presenter
14:00	[77] MeerLICHT: MeerKAT's optical eye	Ms PATERSON, Kerry
14:20	[365] Analytic Tools for the Study of Cepheid and Other Variable Stars	Ms BEYENE, Nigist
14:40	[27] Brown Dwarfs and Brown Dwarf stars: what is the difference and the observational evidence for the existence and presence of both in the Solar System	Dr ALBERS, Claudia
15:00	[419] Investigating HI Intensity Mapping Techniques with KAT-7 Via Simulations	Mr ANSAH-NARH, THEOPHILUS

Thursday 06 July 2017

Astrophysics - A303B (10:00-10:40)

-Conveners: Christo Venter

time	[id] title	presenter
10:00	[428] Non-specialist talk - Extragalactic Science with H.E.S.S.	Prof. BOETTCHER, Markus

Astrophysics - A303B (11:10-13:10)

-Conveners: Markus Boettcher

time	[id] title	presenter
11:10	[412] Bayesian r-priors: fixing the problems inherent in traditional best fit techniques	Mr JAMODIEN, Riyaadh
11:30	[228] Discovery of a Shock Front in the merging cluster of galaxies ACO2163	Dr MHLAHLO, NCEBA
11:50	[382] Optimisation of galaxy identification methods in large HI surveys	Mr GQAZA, Thembaloxolo

Astrophysics - A303B (14:00-15:40)

time	[id] title	presenter
14:00	[429] DST Feedback Session	Prof. BOETTCHER, Markus

Astrophysics - A303B (16:10-17:10)

time	[id] title	presenter
16:10	[430] Division Meeting	Prof. VENTER, Christo

Friday 07 July 2017

Astrophysics - A303B (10:00-10:40)

-Conveners: Christo Venter

time	[id] title	presenter
10:20	[331] Latest Results from the XENON1T Experiment	Mr PIENAAR, Jacques

Astrophysics - A303B (11:10-13:10)

-Conveners: Markus Boettcher

time	[id] title	presenter
11:30	[29] The Madala Hypothesis and Indirect Dark Matter Detection	Dr BECK, Geoff
11:50	[30] The Cosmology of Gravitational Scalar-Tensor Theories	Mrs ABDULRAHMAN, Heba
12:10	[216] Structure formation with causal bulk viscosity	Dr JOHN, Anslyn