

SAIP2015

Tuesday 30 June 2015

Astro: Theoretical Models (10:00-10:40)

-Conveners: Christian Engelbrecht

time	[id] title	presenter
10:00	[418] Stellar Streams: Modelling and Methodology	Dr DEG, Nathan
10:20	[272] Beyond Mixing-Length Theory: an advanced approach to treating convective energy transfer in stars.	Mr MOONSAMY, Sashin

Astro: Radio Astronomy (11:10-12:10)

-Conveners: Aquib Moin

time	[id] title	presenter
11:10	[421] Modeling antenna primary beams using characteristic basis function patterns	Mr IHEANETU, Kelachukwu
11:30	[288] Intensity Mapping Techniques for Radio Observation	Mr ANSAH-NARH, Theophilus
11:50	[406] A Study Of Potential Calibrators Using The KAT-7 Telescope	Mr KASSAYE, Ermias

Astro: Astro (14:00-15:40)

-Conveners: Nithaya Chetty

time	[id] title	presenter
14:00	[457] Inaugural NASSP Consortium Meeting	Prof. CHETTY, Nithaya

Wednesday 01 July 2015

Astro: Large-Scale Structure and Cosmology A (09:40-10:40)

-Conveners: Lerothodi Leeuw

time [id]	title	presenter
09:40	[292] Studying Stellar Populations of Luminous Red Galaxies to probe the Hubble Parameter H(z)	Dr RATSIMBAZAFY, Ando
10:00	[405] A PAPER-32 Stokes I Sky Catalogue	Mr PHILIP, Liju
10:20	[442] Dynamical mass estimates of Sunyaev-Zel'dovich effect selected galaxy clusters in the Millennium Gas simulations	Mr MTHEMBU, Nhlakanipho Kwaz

Astro: Large-Scale Structure and Cosmology B (11:10-12:10)

-Conveners: Lerothodi Leeuw

time [id]	title	presenter
11:10	[400] The Vela Supercluster - does it provide the missing link to explain the local flow fields ?	Mr ELAGALI, Ahmed

Astro: Pulsars (14:00-15:40)

-Conveners: Christian Engelbrecht

time [id]	title	presenter
14:00	[243] NON-SPECIALIST LECTURE: Cosmic rays from binary millisecond pulsars	Prof. VENTER, Christo
14:40	[218] Very-high-energy emission from pulsars	Ms BREED, Monica
15:00	[24] A Timing Noise Analysis Pipeline for HartRAO pulsars	Mr JACQUES, Maritz
15:20	[312] Optical spectroscopy of PSR B1259-63 around the 2014 periastron passage	Dr VAN SOELEN, Brian

Thursday 02 July 2015

Astro: Computational Techniques (09:40-10:40)

-Conveners: Sashin Moonsamy

time [id]	title	presenter
09:40	[332] A 'road test' of ANOVA versus DFT and LS as a period-finding algorithm	Dr ENGELBRECHT, Christian
10:00	[364] Fast Scheme for Approximating an Off Set PSF Response	Mr ATEMKENG, Marcellin

Astro: Gamma-Ray Astronomy and Particle Astrophysics A (11:10-12:10)

-Conveners: REETANJALI MOHARANA

time [id]	title	presenter
11:10	[39] Synchrotron Modelling of the gamma-ray to optical afterglow of GRB 130427A and expected neutrino flux	Mrs KAYYUNNAPARAYIL THOMAS, JESSYMO
11:30	[230] Radio Observations Of GRB 100418a: Test Of An Energy Injection Model Explaining Long-Lasting GRB Afterglows	Dr MOIN, Aquib
11:50	[263] Implementation of a goodness-of-fit test for finding optimal concurrent radio and gamma-ray pulsar light curves	Mr SEYFFERT, Albertus

Astro: Gamma-Ray Astronomy and Particle Astrophysics B (14:00-15:40)

-Conveners: Aquib Moin

time [id]	title	presenter
14:00	[371] H.E.S.S. observations of radio galaxies	Mr DAVIDS, Isak Delberth
14:20	[141] Possible extragalactic astrophysical counterparts of IceCube neutrino events.	Dr MOHARANA, Reetanjali
14:40	[466] Division Meeting	Dr ENGELBRECHT, Christian Dr HABARULEMA, John Bosco

Astro: Galaxy Rotation Curves (16:10-17:10)

-Conveners: Christo Venter

time [id]	title	presenter
16:10	[2] Solving the puzzle of galaxy rotation with a gravitomagnetic form of Newton's Law.	Prof. WAGENER, Pieter
16:30	[399] Rotation Curves and Bars: Accounting for non-circular motions in barred spiral galaxies	Mr RANDRIAMAMPANDRY, Toky

Friday 03 July 2015

Astro: Different Perspectives on Hot Stars (09:40-10:40)

-Conveners: Brian van Soelen

time [id]	title	presenter
09:40	[187] Optical Observations of the Be/X-ray Binary A0538-66	Dr RAJOELIMANANA, Andry Fitiavana
10:00	[444] Search for Extreme Metal-Poor Stars in the Edinburgh-Cape Blue Object Survey	Mr XABANISA, Sivuyile

Astro: Active Galactic Nuclei (11:10-13:10)

-Conveners: Christian Engelbrecht

time [id]	title	presenter
11:10	[208] The Sub-millimeter Continuum Emission of Cygnus A	Prof. LEEUW, Lerothodi
11:30	[234] A quasi-periodicity in the optical polarization of the blazar PKS 2155-304?	Ms PEKEUR, Nikki
11:50	[225] Optical spectroscopic observations of unclassified Active Galactic Nuclei in the Fermi-2LAC catalogue	Ms KLINDT, Lizelke