

SAIP2012

Tuesday 10 July 2012

Astrophysics: Stellar Astrophysics (11:00-12:20)

-Conveners: Amanda Gulbis

time	[id] title	presenter
11:00	[433] Pulsation modes in B stars recently discovered in the Galaxy and the LMC	Dr ENGELBRECHT, Christian
11:20	[96] A search for pulsating B-type variable stars in the southern open clusters NGC 6204 and Hogg 22	Mr MENTZ, Jaco
11:40	[517] Angular Momentum of Giant Molecular Clouds	Dr IMARA, Nia
12:00	[341] To Pulse or not to Pulse? That is the question.	Dr ENGELBRECHT, Chris Mr MIDDLETON, Christopher

Astrophysics: Stellar Astrophysics (14:30-15:50)

-Conveners: Vanessa McBride

time	[id] title	presenter
14:30	[291] Observations of Stellar Occultations by Trans-Neptunian Objects	Dr GULBIS, Amanda
15:30	[70] Listen to Our Universe and beyond	Mr JACQUES, Jacques

Wednesday 11 July 2012

Astrophysics: Pulsars (08:00-09:20)

-Conveners: Christo Venter

time	[id] title	presenter
08:20	[331] Inferring the presence of nearby sources of cosmic rays by method of galactic propagation modelling	Mr BISSCHOFF, Driaan
08:40	[229] The anatomy of γ -ray pulsar light curves	Mr SEYFFERT, Albertus
09:00	[127] The Effect of Different Magnetospheric Structures on Predictions of Gamma-ray Pulsar Light Curves	Ms BREED, Monica

Astrophysics: Pulsars (10:55-11:55)

-Conveners: Christian Engelbrecht

time	[id] title	presenter
10:55	[162] Glow-in-the-dark globular clusters: modelling their multiwavelength lanterns	Dr VENTER, Christo
11:15	[218] Modelling the soft-photon energy density of globular clusters	Mr PRINSLOO, Phillip
11:35	[269] Modelling of non-thermal radiation from pulsar wind nebulae	Mr BOTHA, Joshua

Astrophysics: Stellar Astrophysics (16:30-17:50)

-Conveners: Michael Gaylard

time	[id] title	presenter
16:30	[368] A search for optical counterparts of the complex Vela X system	Mr MARUBINI, Takalani
16:50	[318] Periodic X-ray Modulations in Supersoft X-ray Sources	Mrs ODENDAAL, Alida
17:10	[83] Orbital periods of Be X-ray binaries through optical lightcurves	Dr MCBRIDE, Vanessa
17:30	[98] The Asymmetric Outflow of RS Ophiuchi	Dr MOHAMED, Shazrene

Thursday 12 July 2012

Astrophysics: Group Meeting (08:00-09:20)

-Conveners: Andrew Collier

time	[id] title	presenter
08:40	[539] Astrophysics Division Group Meeting	Prof. WOUDT, Patrick

Astrophysics: Non-specialist lecture and radio astronomy (11:00-12:20)

-Conveners: Renee C. Kraan-Korteweg Kraan-Korteweg

time	[id] title	presenter
11:00	[523] Non-Specialist talk - Toward the Great Quest to Decipher Galaxies: The WISE High-Resolution Galaxy Image Atlas	Prof. JARRETT, Tom
11:40	[213] Radio Astronomy at High Angular Resolution	Dr GAYLARD, Michael
12:00	[79] Forward Application of Propagation Path Effects in Radio Interferometry Using Measurement Equations	Mr NATARAJAN, Iniyan

Astrophysics: Instrumentation and Extragalactic Astronomy (14:10-15:30)

-Conveners: David Gilbank

time	[id] title	presenter
14:10	[223] Astro-Informatics - South African Virtual Observatory	Dr BARWAY, Sudhanshu
14:30	[288] Commissioning the new Sutherland High-speed Optical Cameras (SHOC)	Mr COPPEJANS, Rocco
14:50	[436] Molecular gas and dust of selected lensed SMGs from the Herschel-ATLAS Science Demonstration Phase Data	Dr LEEUW, Lerothodi
15:10	[169] The detailed nature of active central cluster galaxies	Dr LOUBSER, Ilani

Astrophysics: Extragalactic Astronomy (16:00-17:20)

-Conveners: Ilani Loubser

time	[id] title	presenter
16:00	[301] Ram pressure statistics in the galaxy environments of the MareNostrum Universe simulation	Mr MGUDA, Zolile
16:20	[175] Central stellar populations of brightest cluster galaxies	Ms VILJOEN, Daniël
16:40	[248] Using Galaxy Clusters to constrain Dark Energy	Dr GILBANK, David
17:00	[186] Extragalactic Large-Scale Structures in the Northern Zone of Avoidance	Ms RAMATSOKU, Mpati

Friday 13 July 2012

Astrophysics (08:00-09:20)

Astrophysics: Extragalactic Astronomy and Cosmology (11:00-12:20)

-Conveners: Lerothodi Leeuw

time	[id] title	presenter
11:00	[62] The mass overdensity of the Great Attractor as determined from a deep NIR imaging survey	Prof. KRAAN-KORTEWEG, Renee C. Kraan-Korteweg
11:20	[419] Cosmic Telescope Chromacity: apparent spectral distortions in a high-redshift, gravitationally lensed starburst/AGN	Dr DEANE, Roger
11:40	[150] Exploring Dark Energy and the Dark Equation of State	Mr MOHLABENG, Gopolang