

SAIP2014

Tuesday 08 July 2014

Astro - D Les 203 (10:00-10:40)

-Conveners: Derck Smits

time	[id] title	presenter
10:00	[211] A Boost to Astronomy in Southern Africa	Mr SIMPEMBA, Prospery C
10:20	[174] Radio Astronomy in Africa: The Case Of Ghana	Mr ASABERE, Bernard Duah

Astro - D Les 203 (11:10-12:10)

-Conveners: Henry Throop

time	[id] title	presenter
11:10	[398] How does the Cosmic Web Shape Galaxy Formation?	Dr GILBANK, David
11:30	[183] The properties of radio relics and the connection with radio halos in galaxy clusters and their correlation with non-thermal phenomena	Mr PAULO, Claudio Moises
11:50	[440] The XENON100 Dark Matter Experiment	Mr PIENAAR, Jacques

Astro - D Les 203 (14:00-15:40)

-Conveners: Christo Venter

time	[id] title	presenter
14:00	[210] Comparison of photometric and spectroscopic parameters of eclipsing contact binary stars	Ms SKELTON, Patricia
14:20	[130] The Excitation of Pulsation Modes in Rapidly Rotating Main Sequence B-Stars	Mr VAN HEERDEN, Pierre
14:40	[136] MeerLICHT: Exploration of real-time commensal observing	Prof. WOUDT, Patrick
15:00	[50] Characterization of variable stars using the ASAS and SuperWASP databases	Prof. SMITS, Derck

Wednesday 09 July 2014

Astro (10:00-10:40)

-Conveners: Aletha de Witt

time	[id] title	presenter
10:00	[60] Investigation of ionization temperature as an explicit parameter in $C^{>3}$ models of nebulae	Ms PROZESKY, Andri
10:20	[261] Twisting photons: The role of POAM in Astrophysics	Mr NICOL, Peter

Astro: Astro - D Les 203 (11:10-12:10)

-Conveners: Fabio Frescura

time	[id] title	presenter
11:10	[234] Spectral modelling of H.E.S.S.-detected PWNe	VAN RENSBURG, Carlo
11:30	[98] Examining Radio & Gamma-ray correlation of the blazar PKS1424-418 during its flaring state.	Mrs VAN ZYL, Pfesemani
11:50	[247] Spectral studies of Flat Spectrum Radio Quasars: constraining models at GeV energies	Dr BRITTO, Richard

Astro: Astro - D Les 203 (14:00-15:40)

-Conveners: David Gilbank

time	[id] title	presenter
14:00	[175] Neutrino Events at IceCube and the Fermi Bubbles	Dr YANG, Lili
14:20	[25] Photon-Axion mixing as a cosmic magnetometer	Mr BECK, Geoffrey
14:40	[288] A Different Approach to the Perturbation of Astrophysical Fluids	Dr FRESCURA, Fabio
15:00	[405] DFT, LS or GLS? - A 'road test' of various Fourier-based period-finding algorithms for astronomical observations	Dr ENGELBRECHT, Chris

Thursday 10 July 2014

Astro: Astro and Space AGM - D Les 203 (10:00-10:40)

-Conveners: Ilani Loubser

Astro: Astro and Space non-specialist talk - D Les 203 (11:10-12:10)

-Conveners: Ilani Loubser

time	[id] title	presenter
11:10	[273] Characterization of Potentially Hazardous Near-Earth Asteroids	Prof. THROOP, Henry

Astro: Astro - D Les 203 (14:00-15:40)

-Conveners: Lili Yang

time	[id] title	presenter
14:00	[392] Importance of mergers in the growth of brightest cluster galaxies	Mrs GROENEWALD, Daniel
14:20	[36] AGN vs star formation in Brightest Cluster Galaxies	Dr LOUBSER, Ilani
14:40	[187] Analysis of SALT Medium Resolution Fabry-Perot data	Mr TAPSOBA, Wendyam Blaise
15:00	[69] Kinematics and stellar populations of dwarf ellipticals in the Fornax cluster.	Mr MENTZ, Jaco
15:20	[185] The methodology of extracting kinemtaical properties and mass profiles from BCGs.	Mr BRANKEN, Henri

Friday 11 July 2014

Astro: Astro - D Les 203 (10:00-10:40)

-Conveners: Nukri Komin

time	[id] title	presenter
10:00	[184] Accretion and outflow in black hole X-ray binaries	Mr DUSOYE, Avishek
10:20	[396] Search for Very High Energy candidate sources using South African observatories	Dr VAN SOELEN, Brian

Astro: Astro - D Les 203 (11:10-12:10)

-Conveners: Patrick Woudt

time	[id] title	presenter
11:10	[285] The effect of an offset-dipole magnetic field on the Vela pulsar's gamma-ray light curves	Ms BREED, Monica
11:30	[349] TeV Gamma-Ray Observations of the Large Magellanic Cloud	Dr KOMIN, Nukri
11:50	[172] Modelling the Cumulative Spectrum Expected from a Population of Globular Clusters	Dr VENTER, Christo