

SAIP2014

Tuesday 08 July 2014

Space: Space - D Les 204 (10:00-10:40)

-Conveners: Daniel Mojalefa Moeketsi

time [id]	title	presenter
10:00	[16] Application of discrete-ordinate radiative transfer (distort) model to inhomogeneous aerosols atmosphere	Mr YUSUF, Hussaini
10:20	[178] Polarity changes of small-amplitude ion-acoustic and electron-acoustic solitons in multi-fluid space plasmas	Dr OLIVIER, Carel

Space - D Les 204 (11:10-12:10)

-Conveners: Carel Olivier

time [id]	title	presenter
11:10	[310] Seasonal variation of Ionospheric TEC over South Africa during the recent unusual solar minimum between cycle 23 and 24	Dr MOEKETSI, Daniel
11:30	[109] Ionospheric Tomography over South Africa: comparison of MIDAS, ionosondes and GPS measurements	Mr GIDAY, Nigussie Mezgebe
11:50	[280] Influence of lightning on electron density in the ionosphere using WWLLN lightning data, ionosonde data and GPS data	Mr AMIN, Mahmud Mohammed

Space - D Les 204 (14:00-15:40)

-Conveners: Pieter Wagener

time [id]	title	presenter
14:00	[304] Re-evaluation of the cosmic-ray parameters	Mr MOSOTHO, Moshe Godfrey
14:20	[362] The effects of particle drifts on cosmic-ray modulation in the heliosphere – progress and challenges	Prof. BURGER, Renier
14:40	[376] Properties of Charney-Hasegawa-Mima zonal turbulence	Dr BOTHA, Gert
15:00	[126] Electrostatic supersolitons in plasmas	Prof. HELLBERG, Manfred
15:20	[188] Arbitrary amplitude ion-acoustic and electron-acoustic solitons in two-ion space plasmas revisited	Dr MAHARAJ, Shimul Kumar

Wednesday 09 July 2014

Space: Empty - D Les 204 (10:00-10:40)

Space: Space - D Les 204 (11:10-12:10)

-Conveners: Shimul Kumar Maharaj

time [id]	title	presenter
11:10	[137] The polar thermospheric neutral density long-term trend using incoherent scatter radar data	Prof. KOSCH, Michael
11:30	[225] Analysis of ionospheric response to geomagnetic storms during solar cycle 23	Mrs MATAMBA, Tshimangadzo Merline

Space: Astro - extra - D Les 204 (14:00-15:40)

-Conveners: Brian van Soelen

time [id]	title	presenter
14:00	[44] The ICRF-3: The next Generation Celestial Reference Frame.	Dr DE WITT, Aletha
14:20	[58] Source Structure Effect on Southern Hemisphere VLBI Reference Frame	Mr BASU, Sayan
14:40	[229] A strategic independent geodetic VLBI network for Europe.	Ms DALE, Denise
15:00	[160] Fourier Plane Modeling and Jet Physics in the Galaxy M81	Mr RAMESSUR, Arvind
15:20	[202] Numerical studies of non-thermal processes in galaxy clusters	Mr MEKURIA, Remudin Reshid

Thursday 10 July 2014

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

-Conveners: Ilani Loubser

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

-Conveners: Ilani Loubser

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

-Conveners: Christian Engelbrecht

time [id]	title	presenter
14:00	[344] Tidal Effects on Pulsation Modes in Close Binaries	Dr FRESCURA, Fabio
14:20	[47] Spectroscopic and Photometric study of open cluster Trumpler 27	Mr OBONYO, Willice
14:40	[449] Rapid Photometric variability of magnetic Cataclysmic Variables	Mr BREYTENBACH, Johannes
15:00	[266] Accretion processes in cataclysmic variables: Insights from optical transient surveys	Ms MOTSOALEDI, Mokhine
15:20	[431] Real Space Lensing Reconstruction using CMB Temperature and Polarisation	Ms PRINCE, Heather

Friday 11 July 2014

Space: Astro - extra - D Les 204 (10:00-10:40)

-Conveners: Christo Venter

time [id]	title	presenter
10:00	[3] Discretization of cosmological periodic orbits	Prof. WAGENER, Pieter
10:20	[169] Quasi-Newtonian and anti-Newtonian universes in f(R)-gravity	Dr ABEBE, Amare

Space: Astro - extra - D Les 204 (11:10-12:10)