

SAIP2013

Tuesday 09 July 2013

Space Science (10:30-12:10)

-Conveners: Etienne Koen

time	[id] title	presenter
10:50	[21] Noise sensitivity of a VHF broadband interferometer	Mr WEN, Chih-Fong
11:10	[36] Particle flux forecast using space wind parameters in a multivariate auto-regressive model with Kalman filtering	Ms HILLEBRAND, Charlotte
11:30	[35] Detecting Lightning Distribution Changes using Satellite Imagery	Ms BOOYSENS, Aimee
11:50	[40] Monitoring land-cover changes using satellite imagery	Mr GOOSEN, Wayne

Space Science (14:10-15:10)

-Conveners: Nkanyiso Mbatha

time	[id] title	presenter
14:10	[283] Prediction of foF2 from GPS TEC over AFRICA	Mr SSESSANGA, Nicholas
14:50	[434] Tomographic imaging of the ionospheric structure and disturbances in the region of the East-Central Africa region	MUTALE, Mubela

Space Science (15:40-16:40)

-Conveners: Brady Wen

time	[id] title	presenter
15:40	[123] Progress towards a GIC prediction framework	Dr LOTZ, Stefan
16:00	[218] Extraction of surface impedance from magnetotelluric data	Mr KHANYILE, Sfundu
16:20	[65] Estimation of Arrival Time, Duration, and Intensity of Major Storms Caused by Earth Directed Halo Coronal Mass Ejections Using the WSA-Enlil Cone Model	Mr ALAMIREW, NETSANET

Wednesday 10 July 2013

Space Science (09:00-10:00)

time	[id] title	presenter
09:00	[585] DIVISION MEETING	

Space Science (10:30-11:50)

-Conveners: Shimul Maharaj

time	[id] title	presenter
10:30	[47] Study of the time variation of geomagnetic field over southern Africa applying harmonic splines technique on CHAMP satellite data	Mr NAHAYO, Emmanuel
11:10	[52] NON-SPECIALIST: Progress with the development of the Lunar Laser Ranger for South Africa	Prof. COMBRINCK, Ludwig

Space Science (13:50-15:10)

-Conveners: Jacob Bortnik

time	[id] title	presenter
13:50	[43] Improvements in accuracy of a real-time orbital propagator by modelling perturbation forces acting on a LEO CubeSat	Mr TSHILANDE, Thinawanga
14:10	[429] Correlation between SQUID data and ionospheric and/or seismic events	Mr MATLADI, Thabang
14:30	[150] Characterization of TRINNI events	Mr GARAPO, Kevin
14:50	[200] Acoustic resonators above sunspot umbrae	Dr BOTHA, G.J.J.

Space Science (15:40-16:40)

-Conveners: Andrew Collier

time	[id] title	presenter
15:40	[58] Electrostatic wave Instabilities driven by counter-streaming electron beams in space plasmas	Mr MBULI, Lifa
16:00	[92] Nonlinear ion-acoustic and electron-acoustic waves in multi-ion space plasmas	Dr MAHARAJ, Shimul Kumar
16:20	[28] Simulations of ion acoustic waves in Saturn's magnetosphere	Mr KOEN, Etienne

Friday 12 July 2013

Space Science (09:00-10:00)

Space Science (10:30-11:50)