

SAIP2015

Wednesday 01 July 2015

Space: Ionospheric TEC modelling (09:40-10:40)

-Conveners: Shimul Kumar Maharaj

time	[id] title	presenter
09:40	[189] Data assimilation into a climatological model	Dr HABARULEMA, John Bosco
10:20	[69] Single station TEC modelling during storm conditions	Mr UWAMAHORO, Jean Claude

Space: Theoretical Space Plasma Physics (11:10-12:10)

-Conveners: John Bosco Habarulema

time	[id] title	presenter
11:10	[184] Forbidden gap regions in ion-acoustic solitons	Dr MAHARAJ, Shimul Kumar
11:30	[126] Large amplitude slow and fast electron-acoustic solitons and supersolitons in three-electron temperature space plasmas	Mr MBULI, Lifa
11:50	[221] The effect of an ion beam on ion-acoustic supersolitons	Dr OLIVIER, Carel

Space: GICs, pulsations, ionospheric irregularities and electrodynamics (14:00-15:40)

-Conveners: Zolile Mtumela; Michael Kosch

time	[id] title	presenter
14:00	[13] Modelling ground conductivity for computing the electric field associated with geomagnetically induced currents (A mid latitude case study)	Mrs MATANDIROTYA, Electdom
14:20	[11] Investigation of Pc5 pulsation events using Sanae radar and ground-based magnetometer data during northward interplanetary magnetic field (IMF) interval	Dr MTUMELA, Zolile
14:40	[94] Characterization of the Multipath Environment of Ionospheric Scintillation Receivers	Ms ATILAW, Tsige
15:00	[54] Estimating plasma drift velocities in the low latitude regions within the African sector.	Mr DUBAZANE, Makhosonke
15:20	[88] Ionospheric pre-geomagnetic disturbance enhancements over African equatorial and midlatitude regions	Ms ORFORD, Nicola

Thursday 02 July 2015

Space: Heliospheric Physics (09:40-10:40)

-Conveners: Carel Olivier

time	[id] title	presenter
09:40	[443] A new approach to modeling the heliospheric current sheet	Mr RAATH, Jan-Louis
10:00	[410] The Solar-Cycle Dependence of the Heliospheric Diffusion Tensor	Ms NEL, Amoré
10:20	[95] Acceleration of galactic electrons at the solar wind termination shock and their journey beyond	Mr PRINSLOO, Phillip

Space: Different aspects of Space Physics (11:10-12:10)

-Conveners: Olakunle Ogunjobi; John Bosco Habarulema

time	[id] title	presenter
11:10	[50] Analysis of ionospheric response during geomagnetic storms for mid and low latitudes	Mrs MATAMBA, Tshimangadzo Merline
11:30	[308] The study on the short term planetary wave activity in the MLT region over Southern Hemisphere using SuperDARN HF radar	Mr NGWANE, Ntlakanipho
11:50	[96] An Integrated Software Based Analytical Model for the Signal Path Efficiency of the HartRAO Lunar Laser Ranger Optical System	Mr NDLOVU, Sphumelele