IRENE Space Radiation Modelling and Data Analysis Workshop 2019

Thursday, 30 May 2019

Modelling of the Radiation Belts and Plasma near Earth: 1 (12:00 - 13:00)

time	[id] title	presenter
12:00	[54] Simulating nearly 3 solar cycles in the electron radiation belts	GLAUERT, Sarah
12:20	[77] Long term reanalysis of the radiation belt and ring current electrons	Prof. SHPRITS, Yuri
12:40	[83] Data assimilation technique applied to radiation belts and re-analysis data base	SICARD-PIET, Angélica

Modelling of the Radiation Belts and Plasma near Earth: 2 (14:15 - 15:50)

time	[id] title	presenter
14:15	[53] Solar Cycle Variations of Low Altitude Protons	Mr HUSTON, Stuart
14:35	[79] A New Proton Low Altitude Radiation Belt (LARB) Model	Dr HEYNDERICKX, Daniel
14:55	[61] Detailed Validation of the IRENE Models and Assessment of Their Impact for Spacecraft Environment Predictions	Dr TRUSCOTT, Pete
15:15	[71] AE9/AP9-IRENE Plasma Model: Future Development Plans and Needs	Dr O'BRIEN, Paul Dr GUILD, Tim Dr JOHNSTON, William Mr HUSTON, Stuart Dr SU, Y.-J. Dr ROTH, C. J. Dr QUINN, Richard Dr CHARRON, J.
15:30	[67] AE9/AP9-IRENE Radiation Environment Model: Future Development Plans and Needs	Dr O'BRIEN, Paul

Modelling of the Radiation Belts and Plasma near Earth: 3 (16:20 - 17:45)

time	[id] title	presenter
16:20	[51] Lessons from RBSP/HOPE data Investigations	RODGERS, David
16:40	[56] Data assimilation of electron radiation belts	Prof. MIYOSHI, Yoshizumi
17:00	[74] Discussion	