

IRENE Space Radiation Modelling and Data Analysis Workshop 2025

Tuesday 20 May 2025

Modelling: Modelling - 1 (09:30 - 11:40)

time	[id] title	presenter
09:30	[10] The IRENE-AE9/AP9 Next Generation Radiation Specification Models – Progress Report	Dr OBRIEN, PAUL
10:00	[1] GREEN-NG, new version of GREEN, based on re-analysis databases	SICARD, Angélica
10:20	[23] Modeling the Internal Redistribution of Earth's Proton Radiation Belt by Interplanetary Shocks	LOZINSKI, Alexander
10:40	[14] Modeling for radiation belt electrons with nonlinear local scattering by lower-band whistler chorus mode waves	SAITO, Shinji
11:00	[3] The GLORAB statistical model	BRUNET, Antoine
11:20	[33] Prediction of Adverse effects of Geomagnetic storms and Energetic Radiation (PAGER)	Prof. SHPRITS, Yuri

Modelling: Modelling - 2 (12:00 - 14:00)

time	[id] title	presenter
12:00	[11] The SAPPHIRE-2S model	Dr AMINALRAGIA-GIAMINI, Sigiava
12:20	[7] New climatology modeling methodologies	Dr OBRIEN, PAUL
12:40	[25] Discussion on Modelling	