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The International Reference Ionosphere and NeQuick – Improving the Representation of the Real-Time Ionosphere | (smr 4105)

Tuesday 07 October 2025

Plasma Temperatures, Ion Composition and Ion Drift - Budinich Lecture Hall (LB)
(11:00-14:00)

Chair: Chao Xiong (Wuhan University, China)

time	title	presenter
11:00	Validation of the New Global electron Temperature Model Using ISR and Satellite Data	VLADIMIR TRUHLIK
11:30	A New Global Climatological Model of Ionospheric Vertical ExB Drift: Integrating Ground-based Magnetometer, Radar, and Satellite Observations	JOHN BOSCO HABURALEMA
12:00	The Re-calculation of Ionospheric Upper Transition Height from C/NOFS Ion Composition Measurements	SHUNZU GAO
12:15	Evaluating the Performance of IRI and NeQuick Models in HF Ray Tracing for Real-Time Ionospheric Representation	YUSHAU MUHAMMAD SULAIMAN
12:30	Lunch break	