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ICTP-SCOSTEP-ISWI School and Workshop on the Predictability of the Solar-Terrestrial Coupling - PRESTO | (smr 3842)

Friday 02 June 2023

SESSION 4. Influence of the lower atmosphere on the mesosphere, thermosphere, and ionosphere - Budinich Lecture Hall (LB) (15:15-17:00)

SESSION 4 Organisers: Nicholas PEDATELLA (National Center for Atmospheric Research, USA), Loren CHANG, and Duggirala PALLAMRAJU (Physical Research Laboratory, India)

Chair: Duggirala PALLAMRAJU (Physical Research Laboratory, India)

time	title	presenter
15:15	Understanding nighttime ionospheric depletions associated with sudden stratospheric warmings in the American sector	JONES JR MCARTHUR
15:40	Influence of Stratosphere Polar Vortex Variability on the Mesosphere, Thermosphere, and Ionosphere	NICHOLAS PEDATELLA
15:55	Lower thermospheric winds from ICON/MIGHTI and their impact on the ionosphere	YOSUKE YAMAZAKI
16:20	Tidal influence on the generation of post-midnight F-region irregularities during solar minimum	MEENAKSHI SASIKUMAR
16:35	The importance of electric field in ions convergence and formation of sporadic E (Es) at the equatorial region	GODERDZI DIDEBULIDZE
16:50	Statement from ICG	SHARAFAT GADIMOVA
16:55	Summary statements	LOPEZ RAMON