The 9th International HEPPA-SOLARIS Meeting

Monday 16 September 2024

Stratosphere / mesosphere / thermosphere response and coupling of atmospheric layers: (1 invited talk + 2 contributed talk)

- Cloth Hall Court (15:30 - 16:40)

-Conveners: Pekka Verronen; Miriam Sinnhuber

time	[id] title	presenter
15:30	[73] Observations of particle precipitation with EISCAT radars	VIRTANEN, Ilkka
16:00	[72] Empirical model of SSUSI-derived auroral ionization rates	BENDER, Stefan
16:20	[46] Atmospheric odd nitrogen response to electron forcing from a 6D magnetospheric hybrid-kinetic simulation	HÄKKILÄ, Tuomas

Wednesday 18 September 2024

Stratosphere / mesosphere / thermosphere response and coupling of atmospheric layers: (3 contributed talks) - Cloth Hall Court (09:30 - 10:30)

-Conveners: Miriam Sinnhuber; Pekka Verronen

time	[id] title	presenter
09:30	[44] Space Weather Impacts on the Mesospheric Metal Layers	PLANE, John
09:50	[81] Atmospheric impact of the extreme geomagnetic storm of May 10/11, 2024	SINNHUBER, Miriam
10:10	[75] About EPP-Driven Variability of Upper Atmospheric Nitric Oxide Over the Syowa Station in Antarctica	VERRONEN, Pekka

Thursday 19 September 2024

Stratosphere / mesosphere / thermosphere response and coupling of atmospheric layers: (3 contributed talks) - Cloth Hall Court (09:30 - 10:30)

-Conveners: Miriam Sinnhuber; Pekka Verronen

time	[id] title	presenter
09:30	[5] Assessment of thermospheric nitric oxide NO formation and loss in high-top chemistry-climate models	SINNHUBER, Miriam
09:50	[47] Enhanced downward transport of thermospheric nitric oxide in a regionally-refined version of WACCM	KUPILAS, Marcin
10:10	[89] Causes of a Lack of QBO/Solar-MJO Connection in Certain CMIP6 Models	HOOD, Lon

Stratosphere / mesosphere / thermosphere response and coupling of atmospheric layers: (1 invited talk + 3 contributed talks) - Cloth Hall Court (15:30 - 17:00)

-Conveners: Miriam Sinnhuber; Pekka Verronen

time	[id] title	presenter
15:30	[42] Approaches to capturing coupled solar-ozone variability in climate models	Prof. MAYCOCK, Amanda
16:00	[35] Extension of a linearized Ozone scheme to include solar forcing impact	REDDMANN, Thomas
16:20	[12] Polar mesospheric ozone loss initiates downward coupling of solar signal	KALAKOSKI, Niilo
16:40	[16] Satellite observations of the polar vortex variations related to energetic electron precipitation	SALMINEN, Antti