

ESA Water Vapour Climate Change Initiative - 2nd User workshop

Tuesday, 15 October 2024

Stratospheric Water Vapour - Room 4001b (16:45 - 17:30)

-Conveners: Christian Rolf

time	[id] title	presenter
16:45	[58] (Invited, online) The evolution of the Hunga hydration over the 2.5 years since the eruption	MILLAN, Luis
17:15	[47] (online) SWOOSH water vapor updates, their implications for variability and trends, and preparing for the loss of the Aura Microwave Limb Sounder	DAVIS, Sean

Wednesday, 16 October 2024

Stratospheric Water Vapour - Room 4001b (09:00 - 10:30)

-Conveners: Daan Hubert

time	[id] title	presenter
09:00	[63] (Invited, online) In-situ stratospheric water vapour measurements using balloon-borne frost-point hygrometers: A GRUAN perspective	FUJIWARA, Masatomo
09:30	[62] Machine learning for improvement of upper tropospheric relative humidity in ERA5 weather model data	WANG, Ziming
09:45	[82] Long-term response in stratospheric water vapour and radiative forcing from the Hunga Tonga-Hunga Ha'apai eruption	YE, Hao
10:00	[72] Stratospheric water vapor affecting atmospheric circulation	PLÖGER, Felix
10:15	[74] Stratospheric Water Vapor Trends: Satellite versus In-Situ Observations	KONOPKA, Paul

Stratospheric Water Vapour - Room 4001b (11:00 - 12:15)

-Conveners: Michaela Hegglin

time	[id] title	presenter
11:00	[67] Stratospheric humidity analysis	SEMANE, Nouredine
11:15	[42] (online) Version 8 IMK/IAA MIPAS water vapour	KIEFER, Michael
11:30	[38] (online) Investigating possible contributions of IASI/IASI-NG for bridging the upcoming gap of limb sounding observation capabilities	SCHNEIDER, Matthias
11:45	[75] The Changing-Atmosphere Infra-Red Tomography Explorer CAIRT – a candidate mission for ESA's Earth Explorer 11	PREUSSE, Peter
12:00	[76] Observations of mesoscale water vapour distributions in the UT/LMS by the infrared limb-imager GLORIA and comparison with high-resolution short-term deterministic forecasts by the ECMWF IFS	WOIWODE, Wolfgang