

Poster Lightning Session: PS1

Reading: Mon 11:15 am (BST)

Qingdao: Mon 6:15 pm (CST)

Yellow = online

Presenter	Title
Aleena Moolakkunnel Jaison	The role and representation of tropical wave sources in alleviating circulation biases
Ales Kuchar	On the reliability of large ensembles simulating stratospheric polar vortex
Alice Wells	Observations of the Raikoke volcanic eruption and model simulations using the UKESM1 climate model reveal improved agreement when volcanic ash is included
Alison Ming	The year-to-year variability of tropical lower stratospheric temperatures
Bo Pang	Asymmetric impact of the Scandinavian pattern on stratospheric circulation anomalies
Charles Powell	Penetration of convective plumes into a strongly stably stratified region
Chongyang Zhang	Impacts of Stratospheric Polar Vortex Shift on the East Asian Trough
Clara Pitois	Detection of turbulence from temperature, pressure and position measurements under superpressure balloons.
Corinna Kloss	Aerosol characterization within the stratospheric plume from the volcanic eruption at Hunga Tonga January 15th 2022
Dai Koshin	Characteristics of the intraseasonal oscillation in the equatorial mesosphere and lower thermosphere region revealed by satellite observation and global analysis by the JAGUAR data assimilation system
Dina Khordakova	Spectral filtering of gravity waves in the QBO: results from high resolution ICON simulations
Elio Campitelli	Forcings and surface impacts of the austral Spring Extratropical Southern Hemisphere zonally asymmetric circulation
Emily Lear	Comparing gravity waves in a kilometer scale run of the IFS to AIRS satellite observations and ERA5
Haosen Xi	Stratosphere-Troposphere Exchange of Ozone and Carbon Monoxide over the Northern Pacific Ocean in Northern Winter using Two Chemical Reanalysis Data Sets
Inna Semenova	Recent trends in atmospheric blocking over Europe
Ji Ma	Modulation by ENSO of the Relationship Between Stratospheric Sudden Warming and the Madden-Julian Oscillation
Kathrin Finke	Tropospheric Response to Stratospheric Variability via Lagged Quantile Regression
Lesigne Thomas	Tropical Tropopause Layer cloud measurements from long-duration balloon-borne LiDAR and their complementarity with space-borne observations.
Luo Yulan	Assessment of Atmospheric Reanalysis Data Based on Buoy Observations over the Tropical Western Indian Ocean in 2019
Min-Jee Kang	Role of tropical lower stratosphere winds in quasi-biennial oscillation disruptions
Molly Menzel	Connections between upper tropospheric and lower stratospheric circulation responses to increased CO ₂
Nahuel Gómez	What prevented the stratospheric westerlies from reversing during the 2019 Antarctic minor warming?
Nithya Kunnath	On the Zonal Oscillation of Tropical Easterly Jet stream During the Active and Break Spells of Indian Summer Monsoon
Philipp Breul	Revisiting the wintertime emergent constraint of the Southern Hemispheric midlatitude jet response to global warming
Phoebe Noble	Atmospheric gravity waves over the Southern Andes in observations and reanalysis
Sabine Bischof	The role of the ocean for the development of heat waves over Europe
Simone Brunamonti	Laser absorption spectroscopy for balloon-borne measurements of UTLS water vapor
Timothy Banyard	The 2019/2020 Quasi-Biennial Oscillation Disruption Observed by Aeolus Wind Lidar
Verónica Martínez-Andradas	How do the troposphere and stratosphere differ for SSWs with and without a North Atlantic response?
Zuzana Procházková	Comparison of various methods for gravity wave drag estimation from high-resolution model simulations