

Poster Lightning Session: PS3

Reading: Tue 9am

Qingdao: Tue 4pm

Yellow = online

Presenter	Title
Bianca Mezzina	Drivers of extreme Antarctic ice extents in summer over the period 1979-2022
Delin Li	Robust Solar Cycle Signal in the North Pacific Subarctic Frontal Zone
Felix Jäger	Forestation Effects on Patterns of the Global Circulation
Georgios Fragkoulidis	Decadal variability in extratropical Rossby wave packet amplitude, phase, and phase speed
Hans-Christoph Lachnitt	Gravity wave induced cross-isentropic mixing: A DEEPWAVE case study
Hao Ye	Long-term trends and radiative impact in vertically resolved stratospheric water vapour from ESA WV_cci data records
Haruna Nakamura	A CCM Forecast Experiments of the Ozone Reduction Event Over the Southern Tip of South America in November 2009 Using Ozone Assimilated Initial Data
Henning Franke	Wave-mean flow interactions of resolved gravity waves in the tropical stratosphere in a warming climate
Hilla Afargan-Gerstman	The relative contribution of stratospheric and tropospheric drivers for the downward impact of sudden stratospheric warmings
Irina Statnaia	Factors affecting sub-seasonal forecast skill of Northern Eurasian cold spells.
James Keeble	Role of Stratosphere-Troposphere Exchange of Ozone in the Earth System
Jian Rao	Mean State of the Northern Hemisphere Stratospheric Polar Vortex in Three Generations of CMIP Models
Kamilya Yessimbet	A causal inference analysis of pathways of influence between NH blocking and stratospheric polar vortex variability
Khalil Karami	The climatology of the elevated stratopause events in UA-ICON and the contribution of gravity waves
Márton Mester	Signatures of resonantly triggered vortex splitting sudden warmings in idealized model experiments
Moritz Günther	Climate Feedback to Volcanic Aerosol Forcing explained by pattern effect
Neil Hindley	Satellite observations of gravity waves at the stratospheric speed limit from the Hunga Tonga volcanic eruption
Nicholas Tyrrell	The response of ENSO-stratospheric teleconnections to future dynamical and thermal changes
Philip Rupp	Potential Links Between Tropospheric and Stratospheric Circulation Extremes During Early 2020
Philipp Breul	Relationship between southern hemispheric jet variability and forced response: the role of the stratosphere
Regan Mudhar	Understanding the Stratospheric Response to Arctic Amplification
Robin Pilch Kedzierski	Cold-point tropopause temperature bias in reanalyses modulated by equatorial waves
Sheena Loeffel	How predictable is the downward influence of stratospheric extreme events on the tropospheric flow?
Sreenath Avaronthan Veettil	West coast India's rainfall is becoming more convective
Thorsten Kaluza	Turbulence as the key mechanism for the formation the extratropical transition layer
Vera Bense	Transport processes in the lowermost stratosphere - interhemispheric differences from trace gas observations during WISE, POLSTRACC and SouthTRAC
Vinay Kumar	Combine impact of QBO and ENSO for their remote modulations in the northern hemisphere
Weixi Liu	The variability of extreme warm events in Arctic and its possible mechanism
Wenwen Xu	Effects of Stationary and Transient Transport of Ozone on the Ozone Valley Over the Tibetan Plateau in Summer
Wolfgang Wicker	The impact of vertical resolution on gravity wave drag in sub-seasonal hindcasts during sudden stratospheric warmings
Xiaocen Shen	An Intraseasonal Stratosphere-Troposphere Oscillation
You (Joy) Yi	Deep Convective Influence on CO and CH4 Observed by Aircore in Northern Tibetan Plateau During Asian Summer Monsoon
Yuanyuan Han	Attribution of the Hemispheric Asymmetries in Trends of Stratospheric Trace Gases Inferred From Microwave Limb Sounder (MLS) Measurements
Yueyue Yu	Continental cold-air-outbreaks under the varying stratosphere-troposphere coupling regimes during Stratospheric Northern Annular Mode
Zheng Wu	Extended-range predictability of stratospheric extreme events using explainable machine learning