	Poster Session 1	
1	*Christine Borchers:*	Development and deployment of a drone-based sampling system to study altitude profiles of organic aerosols with respect to their molecular composition in the planetary boundary layer
9	*Sarah Richter:*	Gas measurements in the tropical troposphere of MSA and DMA during CAFE-BRAZIL and CAFE-PACIFIC
21	*Kshitija Naktode:*	Aerosol nucleation in upper troposphere using model MECO(n)
16	*Irina Thaler:*	Ion enhanced aerosol growth and its link to Solar variability
6	*Sadath Ismayil:*	An integrated package for UTLS refractory aerosol sampling: MultiMINI8, SPAFiS, and NanoPS
35	*Luis Valero Tuya:*	Balloon-borne soundings for vertical aerosol and trace gas measurements
27	*Neelam Firdous Khan:*	Refining the distinction between inside and outside cloud conditions using IAGOS Relative Humidity and BCP data as well as ECMWF Cloud Ice Water Content
45	*Lisa Schneider:*	A new airborne sampler for ice-nucleating particle measurements in the cirrus cloud regime
37	*Lasse Moormann:*	Vertical pollutant distribution in the lower troposphere: first results and lessons learned from BISTUM 2023
40	*Christian Rolf:*	Balloon instruments for TPChallenges
48	*Johanna Mayer:*	Remote Sensing of the Life Cycle of Convective Clouds
	Poster Session 2	
4	*Alena Kosareva:*	Interaction of cirrus clouds and gravity waves in the UTLS region

7	*Hannah Bergner:*	Gravity waves and ice clouds – Interaction of dynamics and microphysics using a Lagrangian approach
12	*Anahí Villalba Pradas:*	Do we understand the role of atmospheric gravity waves for the stratosphere- troposphere exchange in the tropics?
46	*Laura Tomsche:*	Injection of water vapor into the stratosphere in a convective system above Europe – a measurement perspective
15	*Lisa Schneider:*	Refractory particles in the East Asian UTLS during the Asian summer monsoon anticyclone as seen from a single particle perspective
20	*Muhammad Zeeshaan Sl*	Decadal Variability of Aerosol Optical Properties over the Indo-Gangetic Plain in South Asia
26	*Gregory Schill:*	Single-Particle Aerosol Composition in the Asian Tropopause Aerosol Layer and in the North American Upper Troposphere/Lower Stratosphere during ACCLIP
29	*Gordon Novak:*	In-situ measurements of reactive halogen and nitrogen species in the UTLS and constraints on heterogeneous cycling
32	*Fatih Ekinci:*	Airborne observations conducted in the extratropical UTLS reveal ammonium nitrate particles associated with the Asian summer monsoon
38	*Oliver Eppers:*	Chemical characterization of aerosol particles in the eastern outflow region of the Asian Tropopause Aerosol Layer
43	*Oleh Kachula:*	Interannual variability of the Asian Summer Monsoon Anticyclone
	Poster Session 3	
2	*Zuzana Procházková:*	ERA5-based gravity wave climatology

3	*Madhuri Umbarkar:*	Gravity waves and shear in the lower stratosphere: idealized baroclinic life cycle experiments
8	*Irmgard Knop:*	Impact of small-scale gravity waves on tracer transport
11	*Tobias Göcke:*	Higher Moments in the Sky. Distribution of small scale variables, comparing NWP-model against in-situ observations.
14	*Chun Hang Chau:*	Simulated mixing in the upper troposphere by small scale turbulence in MECO(n)
17	*Roshny Siri Jagan:*	Impact of turbulence parameterization and vertical grid spacing on orographic gravity waves and turbulence in the UTLS
23	*Ming Hon Franco Lee:*	Influence of clear air turbulence on the dynamics and exchange in the extratropical tropopause region
22	*Mansooreh Abdollahi:*	Structure formation and mixing at the extratropical tropopause region
25	*Daniel Kunkel:*	A novel diagnostic to determine regions of non-conservation of potential vorticity
30	*Andreas Schäfler:*	Influence of synoptic-scale weather systems on paired H2O–O3 distributions in the UTLS - a case study using collocated airborne lidar observations
33	*Nicolas Emig:*	Fine scale composition gradients and mixing at the tropopause region
36	*Ziyan Guo:*	Climatological Quantifications of Warm Conveyor Belt Contributions to UTLS Moisture
41	*Marc Bär:*	Analysis of convective Transport in ICON and ICON/MESSy
42	*Shweta Singh:*	Simulating moist deep exchange over the European Alps using the ICON-RTTOV
47	*Annette Miltenberger:*	Modification of air mass composition by deep convection - Lagrangian diagnostics to connect convective inflow and outflow

49	*Annette Miltenberger:*	Lagrangian diagnostics for the interpretation of aircraft data - impact of a stochastic trajectory module
	Poster Session 4	
5	*Franziska Weyland:*	Long-term changes in the thermodynamic structure of the lowermost stratosphere based on reanalysis data
10	*Hella Garny:*	A review of Age of stratospheric air: Progress on processes, observations and long-term trends
13	*Patrick Konjari:*	Water vapor variability in the extratropical UTLS from combined passenger and reasearch aircraft measurements
18	*Nils Brast:*	Temporal and Spatial Patterns of Ice Supersaturation: A 3D climatology over the North Atlantic Region
19	*Susanne Rohs /Yun Li:*	Climatologies and trends from IAGOS water vapour and RH_ice in the Ex-UTLS of the northern mid-latitudes
28	*Christoph Brühl:*	Radiative forcing and radiative heating by stratospheric aerosol from volcanoes and major forest fires in the period 1991 to 2022
31	*Tanja Schuck:*	Interhemispheric gradients of halogenated tracers in the upper troposphere
34	*Vaidehi Joshi:*	Transport processes regulating the lowermost stratospheric ozone reservoir
39	*Piera Raspollini:*	CAIRT measurements for improving the knowledge of UTLS and the added value of synergistic exploitation of limb and nadir imaging measurements
44	*Hans-Christoph Lachnitt:*	Observational data synthesis (Central Project Z01)

24	*Lianet Hernández Pardo:*	The Tropical Upper-Tropospheric Aerosol Source: Pathways, Impact, and Significance for Other Regions