Poster contributions

Display time:

Mon 12.30-14.30

Tue 10.30-11.00 and 12.30-15.30

Wed 10.30-11.00 and 12.30-14.30

P-1	*Norbert Glatthor; Gabriele P. Stiller; Thomas von Clarmann; Udo Grabowski; Sylvia Kellmann; Andrea Linden* Seasonal variation of upper tropospheric HCN, C2H2, C2H6, PAN and HCOOH observed by MIPAS
P-2	*Michelle Santee; Nathaniel Livesey; Jessica Neu; Gloria Manney; Michael Schwartz; Luis Millan* Characterizing the climatological composition and intraseasonal and interannual variability of the Asian summer monsoon anticyclone using Aura Microwave Limb Sounder measurements
P-3	*Jiali Luo* A Case Study of Mass Transport Associated with the East-west Oscillation of the Asian Summer Monsoon Anticyclone

P-4	*Federico Fierli; Chiara Cagnazzo; Martin Dameris; Francesco Cairo; Silvia Vicia* Are CCMIs reproducing the main features of the Asian Anticyclone - subtitle: what we can learn from the Stratoclim 2017 campaign
P-5	*Klaus-Dirk Gottschaldt; Hans Schlager; Robert Baumann; Duy Cai; Veronika Eyring; Phoebe Graf; Volker Grewe; Patrick Jöckel; Tina Jurkat-Witschas; Christiane Voigt; Andreas Zahn; Helmut Ziereis* Dynamics and Composition of the Asian Summer Monsoon Anticyclone
P-6	*Lin Shang (cancelled)* Effect of Methane Emission in East Asia on Atmospheric Circulation and Ozone
P-7	*Laura Tomsche; Andrea Pozzer; Narendra Ojha; Uwe Parchatka; Jos Lelieveld; Horst Fischer* The dynamic of upper tropospheric CH4 and CO influenced by the Asian monsoon anticyclone
P-8	*Yufang Tian; Daren Lu* Impact of the East-west Phase of South Asia High on water vapor distribution near tropopause over the Asian monsoon region
P-9	*Sabine Brinkop; Martin Dameris; Hella Garny; Patrick Jöckel; Stefan Lossow; Gabriele Stiller* The millennium water vapour drop in chemistry-climate model simulations with EMAC
P-10	*Liubov Poshyvailo; Felix Ploeger; Rolf Müller; Paul Konopka; Martin Riese; Gebhard Günther* Sensitivities of modelled water vapour in the lower stratosphere: reanalysis uncertainty, effects of horizontal transport and small-scale mixing
P-11	*Jacob Smith; Peter Haynes; Amanda Maycock; Neal Butchart* Determining stratospheric water vapour variability in global climate models
P-12	*Alison Ming* Ozone and water vapour contributions to the temperature annual cycle in the tropical UTLS
P-13	*Marta Abalos; Lorenzo Polvani; Rolando Garcia; Douglas Kinnison; William Randel; Natalia Calvo; Felix Ploeger* Impact of ozone depleting substances on the Brewer-Dobson circulation: past and future
P-14	*Chaim Garfinkel* Time varying changes in the simulated structure of the Brewer Dobson Circulation

P-15	*Marius Hauck; Frauke Fritsch; Hella Garny; Andreas Engel* Developing a new method to derive age spectra from measurements of short-lived trace gases in the lower stratosphere
P-16	*Roland Eichinger; Simone Dietmüller; Junior professor Hella Garny; Petr Šácha* On the role of mixing and residual transport for the BDC today and in the future
P-17	*Petr Šácha; Juan Añel; Laura de la Torre; Roland Eichinger* Structure of the Brewer-Dobson circulation change in CCMI and relationship with changes in the wave forcing
P-18	*Mohamadou Diallo; Felix Ploeger; Paul Konopka; Thomas Birner; Rolf Müller; Hella Garny; Bernard Legras; Martin Riese* Effects of the natural variability on the Brewer-Dobson circulation and stratospheric trace gases
P-19	*Simone Dietmüller; Michael Ponater; Vanessa Rieger* How UTLS processes can affect climate sensitivity in global models including interactive chemistry
P-20	*Sigrun Matthes; Mariano Mertens; Patrick Jöckel; Helmut Ziereis; Andreas Zahn; Astrid Kerkweg* Reactive species in the upper troposphere and lower stratosphere: aircraft measurement and EMAC modelling
P-21	*Patrick Neis; Herman G.J. Smit; Susanne Rohs; Florian Berkes; Ulrich Bundke; Paul Konopka; Philippe Nédélec; Damien Boulanger; Peter Hoor; Peter Spichtinger; Andreas Petzold* Water vapour measurements in the UTLS by the IAGOS programme – Climatologies and Transport
P-22	*Emmanuel Riviere; Abhinna Behera; Junior professor Sergey Khaykin; Georges Durry; Gerhard Held* Modelling study of stratospheric overshooting convection during TRO-pico: mass budget from the March 13, 2012 observational case
P-23	*Dina Khordakova; Christian Rolf; Martina Krämer; Martin Riese* Impact of extreme convection events on water vapor transport in the upper troposphere and lower stratosphere investigated by balloon soundings within the MOSES project
P-24	*Yann Poltera; Frank G. Wienhold; Beiping P. Luo; Gonzague Romanens; Alexander Haefele; Thomas Peter* Investigation of midlatitude high clouds characteristics and processes by combining lidar and

	balloon-borne measurements
P-25	*Irene Bartolome Garcia; Reinhold Spang; Joern Ungermann; Lukas Krasauskas; Martina Kraemer; Peter Preusse; Christian Rolf; Felix Friedl-Vallon; Michael Hoepfner; Martin Riese* Preliminary results on the observation of cirrus clouds with GLORIA during the WISE campaign
P-26	*Reinhold Spang; Gebhard Günther; Ann-Kathrin Esch; Rolf Müller; Lars Hoffmann; Christian Rolf; Martina Krämer; Jens-Uwe Grooss; Martin Riese* Cirrus clouds in the lowermost stratosphere: satellite (IR limb / lidar) and model perspectives
P-27	*Florian Ladstädter; Andrea K. Steiner; Hallgeir Wilhelmsen* Climate variability and trends in the UTLS from GPS radio occultation and radiosonde observational records
P-28	*Hallgeir Wilhelmsen; Florian Ladstädter; Andrea K. Steiner* Tropopause variability and trends from radio occultation and radiosondes
P-29	*Thorsten Kaluza; Daniel Kunkel; Peter Hoor* The tropopause inversion layer and turbulent troposphere stratosphere exchange in baroclinic lifecycles
P-30	*Daniel Kunkel; Thorsten Kaluza; Volkmar Wirth; Peter Hoor* TIL and STE: the role of diabatic processes
P-31	*Lukas Krasauskas; Joern Ungermann; Michael Höpfner; Felix Friedl-Vallon* A case study of Rossby-wave breaking with the GLORIA IR limb interferometer
P-32	*Björn Kluschat; Peter Hoor; Daniel Kunkel; Andreas Zahn* Quantifying mixing in the UTLS during a Rossby wave breaking event
P-33	*Junhong Wei; Ulrich Achatz; Gergely Bölöni* Efficient modelling of the gravity-wave interaction with unbalanced resolved flows: Pseudo-momentum-flux convergence vs direct approach
P-34	*Yufang Tian; Daren Lu* Gravity wave characteristics observed using Beijing MST radar
P-35	*Hans-Christoph Lachnitt; Peter Hoor; Stefan Müller; Daniel Kunkel; Andreas Dörnbrack; Markus*

	Rapp Mountain wave induced mixing during DEEPWAVE 2014
P-36	*Amelie Mayer; Felix Plöger; Bärbel Vogel; Andreas Zahn; Daniel Kunkel; Peter Hoor* Trace species and static stability in the UTLS from recent airborne measurement campaigns
P-37	*Andreas Marsing; Tina Jurkat-Witschas; Stefan Kaufmann; Christiane Voigt; Andreas Zahn; Martin Zöger; Peter Hoor; Martin Riese* Tagging of water vapor and stratospheric ozone in the tropopause region with the stratospheric tracer HCl: First preliminary results of the WISE campaign
P-38	*Ulrich Bundke; Andrew Freedman; Andreas Herber; Ina Mattis; Marcel Berg; Julia Faria; Harald Franke; Andreas Zahn; Harald Boenisch; Andreas Petzold* Aerosol Measurements on IAGOS CORE
P-39	*Andreas Marsing; Tina Jurkat-Witschas; Stefan Kaufmann; Romy Heller; Andreas Engel; Peter Hoor; Jens Krause; Christiane Voigt* Two comprehensive perspectives on the UTLS at high latitudes during Arctic winter 2015/2016: chlorine partitioning and Arctic cirrus
P-40	*Florian Berkes; Patrick Neis; Martin G. Schultz; Susanne Rohs; Herman G.J. Smit; Ulrich Bundke; Paul Konopka; Damien Boulanger; Philippe Nédélec; Valerie Thouret; Andreas Wahner; Andreas Petzold* In-situ temperature measurements in the UTLS from two decades of IAGOS long-term routine observation
P-41	*Florian Berkes; Norbert Houben; Ulrich Bundke; Harald Franke; Hans-Werner Pätz; Franz Rohrer; Andreas Wahner; Andreas Petzold* Nitrogen Oxides (NO and NO2) measurements in the UTLS by IAGOS – Instrument Performance and First Results
P-42	*Harald Bönisch; Andreas Zahn; Florian Obersteiner; Peter van Velthoven; Armin Rauthe-Schöch; Jonathan Williams; Carl Brenninkmeijer* Distribution and transport of greenhouse gases in the UT/LMS derived from the IAGOS-CARIBIC observatory

P-43	*Tobias Kerzenmacher; Peter Braesicke; CCMi Pis* How is extratropical Ozone influenced by the QBO in CCMi model data?
P-44	*Heiko Bozem; Horst Fischer; Hartwig Harder; Monika Martinez; Jonathan Williams; Mark Lawrence; Jos Lelieveld* The influence of deep convection on the ozone budget in the UTLS region
P-45	*Karen Rosenlof; Eric Jensen; Troy Thornberry* A proposed stratospheric aerosol aircraft mission: ACCLAIM
P-46	*Herman Smit; Anne M. Thompson; JOSIE Team* Ozone Sonde Data Quality in the UTLS: New Insights from the Joint JOSIE 2017-SHADOZ Campaign
P-47	*Teresa Jorge; Simone Brunamonti; Frank G. Wienhold; Uwe Weers; Thomas Brossi; Thomas Peter* Peltier Cooled Frost point Hygrometer: PCFH Future instrument for balloon borne water vapor measurements in the UTLS
P-48	*Jens Krause; Peter Hoor; Andreas Engel; Felix Plöger; Jens-Uwe Grooß; Harald Bönisch; Timo Keber; Björn-Martin Sinnhuber; Wolfgang Woiwode; Hermann Oelhaf* Mixing and ageing in the polar lower stratosphere in winter 2015/2016