

The session will take place on May 8th from 12h30 to 15h45

Virtual video session: 12:30-14:00 – Paper #1

Chair: Fred Stroh

[Connect here](#) - please keep your mic muted and video off -

The link will be active 30 minutes before the session time

@all: make use of the live chat for questions

Please keep your mic muted and video off

9' presentation + 1' for one eventual question

12:30-12:40

Results from a comparison of HCN measurements and Lagrangian backtrajectory analyses in the Asian Summer Monsoon Anticyclone

Yun Li, Bärbel Vogel, Felix Plöger, Silvia Bucci, Bernard Legras, Silvia Viciani, Francesco D'Amato, and Fred Stroh

12:50-13:00

Solid ammonium nitrate aerosols: efficient ice nucleating particles in the upper troposphere during Asian monsoons investigated by aircraft, satellite and cloud-chamber

Michael Höpfner, Jörn Ungermann, Robert Wagner, Reinhold Spang, Martin Riese, Gabriele Stiller, Silvia Bucci, Felix Friedl-Vallon, Sören Johansson, Bernard Legras, Thomas Leisner, Ottmar Möhler, Rolf Müller, Tom Neubert, Johannes Orphal, Peter Preusse, Markus Rex, Harald Saathoff, Fred Stroh, and Ingo Wohltmann

13:00-13:10

Chemical composition of the ATAL aerosol measured by in-situ particle mass spectrometry

Oliver Appel, Andreas Hünig, Antonis Dragoneas, Sergej Molleker, Frank Drewnick, and Stephan Borrmann

13:10-13:20

Deep convective influence on the UTLS composition in the Asian Monsoon Anticyclone region: 2017 StratoClim campaign results

Silvia Bucci, Bernard Legras, Pasquale Sellitto, Francesco D'Amato, Silvia Viciani, Alessio Montori, Alessio Chiarugi, Fabrizio Ravegnani, Alexey Ulanovsky, Francesco Cairo, and Fred Stroh

13:20-13:30

Confinement of air in the Asian monsoon anticyclone and pathways of convective air to the stratosphere during summer season

Bernard Legras, Silvia Bucci, Sivan Chandra, and Ajil Kottayil

13:30-13:40

Asian summer monsoon Chemical and Climate Impact Project (ACCLIP): Highlights of multi-model pre-mission study

Doug Kinnison, Qing Liang, Laura Pan, Paul Newman, Elliot Atlas, Brian Toon, William Randel, Jim Bresch, Mian Chin, Simone Tilmes, Alma Hodzic, Shawn Honomichl, Leslie Lait, Ren Smith, Parker Case, Alfonso Saiz-Lopez, Luke Jones, Jerome Barre, and Johannes Flemming

13:40-13:50

Pollution trace gas distributions in the Asian monsoon UTLS derived from measurements of the airborne imaging limb sounder GLORIA during the StratoClim campaign

Sören Johansson, Michael Höpfner, Felix Friedl-Vallon, Jörn Ungermann, Oliver Kirner, Silvia Bucci, Bernard Legras, Ingo Wohltmann, Gerald Wetzel, Norbert Glatthor, and Erik Kretschmer

13h50: Break and Open the EGU Chat for the following sessions

Virtual video + EGU Live chat: 14:00-14:40 Questions #1

Chair: Bhupesh Adhikary, Fred Stroh

@all: make use of the live chat for questions

(https://egu2020.eu/sharing_geoscience_online/how_to_use_the_chats.html)

Questions for the oral presenters, 5 minutes each

Virtual video + EGU Live chat: Fri 8 May, 14:40:15:30 Paper & Questions #2

Chair: Silvia Bucci, Fred Stroh

@all: make use of the live chat for questions

(https://egu2020.eu/sharing_geoscience_online/how_to_use_the_chats.html)

3' to present/summarize with reference to the displays + 5' minutes for the questions.

14:40-14:48

The ATAL and its aerosol microphysical properties in the Asian Monsoon Anticyclone

Christoph Mahnke, Stephan Borrmann, Ralf Weigel, Francesco Cairo, Armin Afchine, Martina Krämer, Jean-Paul Vernier, and Terry Deshler

14:48-14:56

Impact of in-cloud OVOC chemistry on tropospheric ozone

Simon Rosanka and Domenico Taraborrelli

14:56-15:04

Water vapor variability in the Asian summer monsoon lower stratosphere from satellite observations and transport model simulations

Jiao Chen, Jonathon Wright, Xiaolu Yan, and Paul Konopka

15:04-15:12

Radiative impacts of convective anvil outflow in the Asian monsoon region

Sylvia Sullivan, Aiko Voigt, Martina Krämer, Annette Miltenberger, Sergey Khaykin, and Christian Rolf

15:12-15:20

Volcanic influence on STRATOCLIM aircraft observations 2017 in the Asian Monsoon, studies with the transient CCM EMAC

Christoph Brühl, Hans Schlager, Ralf Weigel, Oliver Appel, Stephan Borrmann, Jos Lelieveld, and Jennifer Schallock

15:20-15:28

The role of surface air temperature over the east Asia on the early and late Indian Summer Monsoon Onset over Kerala

Devanil Choudhury, Debashis Nath, and Wen Chen

Session Hints and Etiquette:

- 1) Make sure your audio system works properly for your OS/Browser before starting!
- 2) For best experience use Chrome or Firefox! Newest Edge versions will also work. (NOT Internet Explorer ...)
- 3) Connect to: <https://talk.icg.kfa-juelich.de/b/str-cr4-27w>
- 4) Please use your full name and institution acronym to register for the session
- 5) ALL PRESENTERS log in early (30min before) to check the connection and your slides!!!
- 6) In case your audio doesn't work: log out, check your audio settings and reconnect.
- 7) NO PERSONAL WEBCAMS! (not to waste bandwidth)
- 8) Everybody will be muted when joining the session. UNMUTE ONLY:
 - When presenting or selected for a question/comment
 - To unmute your microphone click the symbol (or press <ALT>-<SHIFT>-M).
 - Mute again when done!
 - WE ALL RELY ON YOUR RESPONSIBLE USE!
- 9) DISCUSSION: for all questions/comments type your question into the PUBLIC CHAT window first. Unmute and speak up only when asked by the chair!
- 10) For a general overview on using the system (with short videos):
 - <https://bigbluebutton.org/html5/>