**Poster sessions (Updated: 2013/05/31)**

**Monday, June 17, 17:10 – 18:30 (combined with ice breaker)**

**Tuesday, June 18, 15:10 – 16:50 (authors in attendance)**

Posters have to be attached on Monday, June 17, before or during the lunch break and removed on Wednesday, June 16, afternoon. Poster boards are 125 cm tall and 88 cm wide.

1. Faiza Azam (poster board number 5) **PSA**
   *Institute of Environmental Physics (IUP), University of Bremen, Germany*
   “Validation of SCIAMACHY limb NO2 and BrO operational data products 2002-2012”

2. Ralf Bauer (poster board number 4)
   *Institute of Environmental Physics (IUP), University of Bremen, Germany*
   “Validation of SCIAMACHY limb NO2 profiles using solar occultation and limb measurements”

3. Jörg Blank (poster board number 21)
   *Forschungszentrum Jülich, IEK-7 Stratosphere, Germany*
   “Demonstration of 3-D trace gas retrieval with GLORIA measurements taken during the TACTS/ESMVals campaigns”

4. Emmanuel Dekemper (poster board number 23) **PSA**
   *BIRA-IASB, Belgium*
   “ALTIUS instrument - Development of UV-Vis spectral imagers with Acousto-Optical Tunable Filters (AOTF)”

5. Felix Ebojie (poster board number 8) **PSA**
   *Institute of Environmental Physics (IUP), University of Bremen, Germany*
   “Retrieval of tropospheric ozone columns from SCIAMACHY limb-nadir matching observations”

6. Florian Ernst (poster board number 2) **PSA**
   *Institute of Environmental Physics (IUP), University of Bremen, Germany*
   “Global stratospheric aerosol extinction profile retrievals from SCIAMACHY limb radiance: algorithm description and validation”

7. René Hommel (poster board number 10)
   *Institute of Environmental Physics (IUP), University of Bremen, Germany*
   “Low Ozone over the Arctic in January 2011 - an “ozone mini-hole” condition?”

8. Jia Jia (poster board number 7) **PSA**
   *Institute of Environmental Physics (IUP), University of Bremen, Germany*
   “Validation of improved SCIAMACHY ozone limb data”

9. Tatyana Klimeshina (poster board number 25) **PSA**
    *V.E. Zuev Institute of Atmospheric Optics Russian Academy of Sciences, Siberian Branch, Russia*
    “Self- and foreign water vapor continuum absorption in the 8-12 and 3-5 μm transmission windows”

10. Sven Kühl (poster board number 11)
    *MPI Chemie, Germany*
    “Satellite observations of OCIO from 1995 to 2012 in comparison to ECMWF data and EMAC simulations”

11. Alexandra Laeng (poster board number 9)
    *KIT, Germany*
    “Comparison of MIPAS ozone with Umkehr ozone measurements”

12. Olexandr Lednyts’kyy (poster board number 1) **PSA**
    *Institute of Physics, Ernst-Moritz-Arndt University of Greifswald, Germany*
    “The retrieval of the atomic oxygen profiles in the MLT region on the base of SCIAMACHY airglow observations”
13. **Robert Loughman** (poster board number 17)  
*Hampton University, USA*

“Limb Scattering Radiative Transfer Model Development in Support of the Ozone Mapping and Profiler Suite (OMPS) Limb Profiler Mission”

14. **Tetiana Orlova** (poster board number 26)  
*Institute of Physics, National Academy of Sciences of Ukraine, Ukraine*

“Variability of solar UV radiation and vitamin-D synthetic capacity of sunlight”

15. **Nabiz Rahpoe** (poster board number 6)  
*Institute of Environmental Physics (IUP), University of Bremen, Germany*

“Validation and intercomparison of SCIAMACHY V 2.5 and ESA Operational V 5.01 limb ozone profiles with concurrent sensors”

16. **Chris Roth** (poster board number 18)  
*University of Saskatchewan, Canada*

“Monte Carlo Radiative Transfer for Limb Scattered Sunlight Measurements”

17. **Vladimir Rozanov** (poster board number 19)  
*Institute of Environmental Physics (IUP), University of Bremen, Germany*

“Rotational Raman scattering in limb viewing geometry: modeling with SCIATRAN”

18. **Hideo Sagawa** (poster board number 16)  
*National Institute of Information and Communications Technology, Japan*

“An Update on the SMILES NICT Level-2 Processing”

19. **Naoko Saitoh** (poster board number 12)  
*Center for Environmental Remote Sensing, Chiba University, Japan*

“Analysis of Arctic stratospheric minor gases by combined use of JEM/SMILES and ACE-FTS”

20. **Takuki Sano** (poster board number 15)  
*Institute of Space and Astronautical Science, Japan Aerospace Exploration Agency, Japan*

“Validation of SMILES level 2 version 2.4 products”

21. **Makoto Suzuki** (poster board number 13)  
*Institute of Space and Astronautical Science, Japan Aerospace Exploration Agency, Japan*

“Observation of ClO, HO2, HOCl, and BrO by ISS/JEM/SMILES”

22. **Makoto Suzuki** (poster board number 14)  
*Institute of Space and Astronautical Science, Japan Aerospace Exploration Agency, Japan*

“SMILES L2 v2.4 updates”

23. **Oleg Ugolnikov** (poster board number 24)  
*Space Research Institute, Russian Academy of Sciences, Russia*

“Limb Trajectory Retrieval and Component Investigations of Southern Polar Stratosphere Based on High Resolution Spectroscopy of the Moon during the Total Eclipse”

24. **Jörn Ungermann** (poster board number 20)  
*Forschungszentrum Jülich GmbH, Germany*

“Improving retrieval quality for airborne limb sounders by horizontal regularization”

25. **Katja Weigel** (poster board number 3)  
*Institute of Environmental Physics (IUP), University of Bremen, Germany*

“SCIAMACHY limb water vapor retrieval V3.01, 2002-2012”

26. **Jian Xu** (poster board number 22)  
*PSA German Aerospace Agency (DLR), Germany*

“Remote sensing of stratospheric vertical concentration profiles from TELIS measurements”