
Monday, 23 June 2008

15:30-18:30 **Poster Session I**

Session 11P: Space-based Missions, Validation, and Global Monitoring – Poster Presentations

Co-Chairs: Patrick McCormick, Stuart Young

- S11P-01** Complementary use of EARLINET, CALIPSO, and AERONET observations: case study JULY 24, 2006 --- *I. Mattis, D. Müller, H. Baars, I. Tegen, J. Meier, L. Mona, G. Pappalardo, A. Amodeo, G. D'Amico, A. Stohl, X. Wang, F. Molero Menendez, M. Sicard, A. Rodriguez, J. M. Baldasano, I. Grigorov, E. Giannakaki, L. Alados Arboledas, J. L. Guerrero Rascado, C. Perez, A. Apituley, O. Gustafsson*
- S11P-02** Investigation of clear-sky frequency from CALIOP observation --- *N. Eguchi, T. Yokota*
- S11P-03** CALIPSO satellite lidar identification of Elevated dust over Australia compared with air quality model PM60 forecasts --- *S. A. Young, M. Vaughan, A. Omar, Z. Liu, S. Lee, Y. Hu, M. Cope*
- S11P-04** The CALIPSO lidar cloud and aerosol discrimination: version 2 algorithm, performance and validation strategies --- *Z. Liu, M. Vaughan, C. Kittaka, R. Kuehn, A. Omar, K. Powell*
- S11P-05** CALIPSO-NTUA Raman lidar intercomparison: preliminary results over an urban site (Athens, Greece) --- *R.E. Mamouri, V. Amiridis, A. Papayannis, G. Tsaknakis*
- S11P-06** Studying mixed-phase altocumulus with A-Train measurements --- *D. Zhang, Z. Wang, D. Liu*
- S11P-07** Coincident measurements of cirrus optical depth from CALIPSO and CPL --- *R. Kuehn, M. McGill*
- S11P-08** GLOBAL cloud phase distribution derived from the first year CLOUDSAT and CALIPSO measurements --- *Z. Wang, K. Sassen, Y. Hu, D. Liu*
- S11P-09** CALIPSO correlative measurements over Thessaloniki EARLINET Station: first results --- *D. Balis, E. Giannakaki, V. Amiridis, F. Boubouloudis*
- S11P-10** Validation of aerosol and cloud layer structure from the space-based lidar CALIOP using a ground-based lidar in Seoul, South Korea --- *S.-W. Kim, S.-C. Yoon, S. Berthier, J.-C. Raut, P. Chazette, F. Dulac*
- S11P-11** A study of tropical thin cirrus clouds with supervised learning --- *S. Rodier, Y. Hu, M. Vaughan*
- S11P-12** CALIPSO lidar performance trends over the first twenty months --- *W. H. Hunt, P. L. Luckner, K. A. Powell, M. A. Vaughan*

- S11P-13** One-year of CALIPSO measurements over the city of São Paulo --- *F. J. da Silva Lopes, E. Landulfo, E. Giannakaki*
- S11P-14** Revised calibration strategy for the CALIOP 532 nm channel: Part I - nighttime --- *K.-P. Lee, M. Vaughan, Z. Liu, W. Hunt, K. Powell*
- S11P-15** Revised calibration strategy for the CALIOP 532-nm channel: Part II - daytime --- *K. A. Powell, M. A. Vaughan, R. Kuehn, W. H. Hunt, K.-P. Lee*
- S11P-16** Ground-based correlative measurements of aerosols and cloud with CALIPSO --- *Y. Wu, B. Gross, F. Moshary, S. Ahmed*
- S11P-17** An analysis of Seasonal variation of antarctic clouds using cloudsat and CALIPSO measurements --- *L. Adhikari, Z. Wang, D. Liu*
- S11P-18** In-space performance of the Geoscience Laser Altimeter System (GLAS) laser transmitter --- *A. W. Yu, R. Afzal, J. B. Abshire, D. Hancock, E. Chang, H. Riris, G. Allan, P. Liiva, P. Jester, T. C. Field*
- S11P-19** Post-EPS wind profiling user requirements and mission requirements of the candidate Doppler wind lidar mission --- *C. Accadia, P. Schlüssel, S. Banfi, P. Phillips, R. Munro*
- S11P-20** Laser induced contamination in space based lidar missions --- *J. Alves, F. Pettazzi, E. Armandillo, G. Tzeremes, A. P. Tighe, D. Wernham*
- S11P-21** UAV-based lidar sensor for next-generation suborbital platforms --- *M. McGill, V. S. Scott, S. Wake, D. Hlavka, W. Hart, P. Newman*
- S11P-22** A feasibility assessment of implementing the Active Sensing of CO₂ Emissions over Nights, Days, and Seasons (ASCENDS) mission --- *F. W. Harrison, E. V. Browell, S. W. Boland, G. D. Spiers*
- S11P-23** Space-borne Monitoring of Methane by Integrated Path Differential Absorption Lidar: Perspective of DLR's CHARM-SSB Mission --- *G. Ehret, A. Fix, C. Kiemle, M. Wirth*
- S11P-24** Development of an end-to-end lidar model and correlation with on-orbit signal variations --- *M. Lieber, C. Weimer, M. Stephens, R. Demara*
- S11P-25** Small Orbital Lidar Approach for Measuring Trace Gases in the Mars Atmosphere --- *J. B. Abshire, H. Riris, G. R. Allan, K. Numata, X. Sun, M. A. Krainak, A. Yu, M. J. Mumma*
- S11P-26** Characterization & qualification status of the ADM-AEOLUS mission --- *M. Endemann, A. Culoma, D. Wernham, W. Veith*
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