

Thursday, 26 June 2008

15:15-17:15 **Poster Session III**

**Session 9P: Combining Lidar with Other Techniques and Unique Lidar Applications -
Poster Presentations**

Co-Chairs: James Churnside, Joseph Shaw

- S09P-01** Value-Added CALIPSO Ocean, Land and Meteorology Product --- *Y. Hu, M. Vaughan, C. Trepte, D. Winker, J. Pelon, C. Weimer, M. Behrenfeld, C. McClain, S. Young, M. Cisewski, A. Omar, C. Hostetler, D. Flittner, K. Powell, J. Huang, Z. Liu, B. Hunt, R. Kuehn, S. Rodier, K. Lee*
- S09P-02** University of Wisconsin High Spectral Resolution Lidar Processing and Collaborative Data Retrieval Website --- *J. P. García, E. W. Eloranta*
- S09P-03** Wave cloud properties observed from Wyoming cloud lidar and RADAR during the ICE_L field campaign --- *M. Deng, Z. Wang, G. Vali, S. Haimov, J. French*
- S09P-04** Combined Lidar-Radar Study of Tropical Cirrus Clouds --- *L. Komguem, J. Whiteway, R. T. Austin*
- S09P-05** Combination of lidar data with JMA radar data over Japan --- *N. Takeuchi, N. Manago, G. Bagtasa, H. Kuze, S. Naito, A. Sone, H. Kan*
- S09P-06** Aerosol optical properties based on measurements of lidar and sunphotometer in Manila, Philippines --- *M. C. D. Galvez, E. P. Macalalad, H. W. Chua, E. A. Vallar*
- S09P-07** Backscatter nephelometer to calibrate scanning lidar --- *C. Wold, V. Kovalev, W. M. Hao*
- S09P-08** Column Integrated Lidar Ratio and Particle Depolarization of Tropospheric Aerosol by Combined Lidar and Sun photometer Measurements at Taipei, Taiwan --- *W.-N. Chen, C. C. K. Chou, Y. W. Chen, P. H. Lin, J. P. Chen, S. Y. Chang*
- S09P-09** Evaluation of NASA/LARC airborne high spectral resolution lidar aerosol extinction measurements --- *R. Rogers, J. Hair, C. Hostetler, R. Ferrare, A. Cook, D. Harper, M. Obland, S. Burton, A. Clarke, Y. Shinozuka, C. McNaughton, J. Redemann, P. Russell, J. Livingston*
- S09P-10** Intercomparison of aerosol optical properties observed by lidar, sun/sky photometers and surface in situ measurements during Asian dust event in Tokyo, Japan --- *T. Murayama, M. Sekiguchi*
- S09P-11** Lidar, sunphotometer and ozonemeter measurements of urban boundary layer of the atmosphere over Sofia-Bulgaria --- *N. Kolev, V. Gigorieva, I. Kolev, P.C.S. Devara, P. E. Raj, K. K. Dani*

- S09P-12** One year measurements of aerosol optical depth during development of the atmospheric boundary layer over urban area (Sofia-Bulgaria) --- *T. Evgenieva, B. Tatarov, N. Kolev, I. Iliev, P. Savov, B. Kaprielov, I. Kolev*
- S09P-13** Observation of Australian Desert dust: comparison of lidar and aerial in situ measurements --- *C. Dickinson, J. Whiteway, J. Hacker, W. Junkermann, R. Mitchell, V. Popovici*
- S09P-14** Regularization algorithm for retrieval of particle properties from multiwavelength lidar measurements using the sun photometer data as a constraint --- *A. Kolgotin, I. Veselovskii, D. Müller*
- S09P-15** Statistical study of aerosol optical thickness using lidar and radiometric ground measurements --- *O. Lado-Bordowsky, O. Delannoy, G. Swiathy*
- S09P-16** Using a Camera Lidar and Nephelometer for aerosol profiling --- *N. C. P. Sharma, J. E. Barnes, T. B. Kaplan, A. D. Clarke*
- S09P-17** Lidar measurements of aerosols in an underground station --- *J. C. Raut, P. Chazette, A. Fortain*
- S09P-18** Lidar method for measuring particulate Emission rate from aircraft jet engines - initial trial and planned improvements --- *W. L. Eberhard, R. Wayson, B. J. McCarty, R. D. Marchbanks, W. A. Brewer*
- S09P-19** Microphysical characteristics of aerosols and their relationship with surface meteorological parameters over Sofia, Bulgaria --- *P. C. S. Devara, S. K. Saha, P. E. Raj, K. K. Dani, N. Kolev, P. Savov, I. Kolev*
- S09P-20** Development of Shipborne and Helicopter-based Oceanographic Fluorescence Lidar --- *M. Sasano, K. Hitomi, T. Morinaga, H. Yamanouchi*
- S09P-21** Dual-polarization backscatter lidar in the ocean --- *J. H. Churnside*
- S09P-22** Red-tide monitoring in San Luis Obispo Bay, CA using lidar --- *D. Rohan, T.J. Bensky*
- S09P-23** Feasibility of laser-induced fluorescence spectrum (LIFS) lidar for floating pollen detection --- *Y. Saito, K. Ichihara, K. Morishita, F. Kobayashi, T. Kawahara, T. Ohtani*
- S09P-24** Short-range, unconventional lidar --- *Z. Guan, M. Lewander, R. Grönlund, S. Svanberg*
-