
Monday, 23 June 2008

Session 10: Advances in Lidar Components and Techniques - Oral Presentations
Co-Chairs: James Abshire, Edwin Eloranta

- S01O-01** Single frequency lasers for high altitude aircraft applications --- *F. E. Hovis, J. Edelman, T. Schum, J. Rudd, K. Andes* (invited)
10:05-10:30
- S01O-02** Simultaneous profiling of aerosol optical properties, gas chemistry, and winds with optical autocovariance lidar --- *C. J. Grund, M. Stephens, C. Weimer*
10:30-10:45
- S01O-03** Refractive index and integral aerosol properties retrieval from Raman lidar data using principle component analysis --- *M. de Graaf, D. P. Donovan, A. Apituley*
10:45-11:00
- S01O-04** A Modulated CW Fiber Laser-Lidar Suite for the ASCENDS Mission --- *M. Dobbs, J. Dobler, M. Braun, D. McGregor, J. Overbeck, B. Moore III, E. Browell, T.S. Zaccheo*
11:00-11:15
- S01O-05** A high performance optical filter assembly for Mie/Rayleigh separation in a space borne lidar --- *M. J. Foster, R. Bond, J. Storey, C. Thwaite, I. Bakalski, A. Delev, D. Rees, J. Y. Labandibar, A. Hélière*
11:15-11:30
- S01O-06** Shared aperture diffractive optical element (SHADOE) lidar telescope system development --- *G. K. Schwemmer, B. Gentry, C. Trout-Marx, P. Dogoda, S. Lee, R. Rallison*
11:30-11:45
- S01O-07** The Airborne Multi-Wavelength NIR-H₂O-DIAL WALES: System Layout and Performance --- *M. Wirth, A. Fix, P. Mahnke, H. Schwarzer, F. Schrandt, G. Ehret*
11:45-12:00
- S01O-08** Narrow line-width, high-energy 2 μ m laser transmitter for coherent wind lidar --
12:00- 12:15 - *U. N. Singh, J. Yu, M. J. Kavaya, G. J. Koch*
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