
Session 90: Combining Lidar with Other Techniques and Unique Lidar Applications - Oral Presentations

Co-Chairs: James Churnside, Robert Menzies

- S090-01** 10:15-10:30 The French atmospheric mobile observatory for tropospheric physico-chemical processes and climate --- *J. Cuesta, P. Chazette, P. Flamant, B. Bonsang, D. Edouart, L. Estevan, F. Gibert, V. Gros, F. Marnas, J.-C. Raut, J. Sanak, C. Flamant*
- S090-02** 10:30-10:45 Mixed-phase clouds in the Arctic – A synopsis of airborne lidar, in-situ, and albedometer observations, complemented by meteorological analysis --- *A. Richter, J.-F. Gayet, G. Mioche, A. Ehrlich, A. Dörnbrack*
- S090-03** 10:45-11:00 Lidar and radar measurements of the melting layer: observations of dark and bright band phenomena --- *P. Di Girolamo, D. Summa, R. Bhawar, T. Di Iorio, G. Vaughan, E. Norton, G. Peters*
- S090-04** 11:00-11:15 AERONET, Airborne HSRL and CALIPSO Aerosol Retrievals Compared and Combined: A Case Study --- *C. J. McPherson, J. A. Reagan, J. Schafer, D. Giles, R. Ferrare, J. Hair, C. Hostetler*
- S090-05** 11:15-11:30 Systematic multi-wavelength Raman measurements: A reference for aerosol study --- *L. Mona, A. Amodeo, A. Boselli, G. D'Amico, F. Madonna, G. Pappalardo*
- S090-06** 11:30-11:45 Wind observation around a top of midlatitude cirriform cloud by VHF Doppler radar and Rayleigh/Raman lidar --- *M. K. Yamamoto, T. Kishi, T. Nakamura, H. Hashiguchi, M. Yamamoto, N. Nishi, S. Fukao*
- S090-07** 11:45-12:00 A new method of 2D air quality monitoring using a lidar inside an underground railways station --- *L. Sauvage, B. Guinot, S. Mazoué, O. Petilon, S. Loaëc, S. Lolli, V. Rouget, J. C. Raut, P. Chazette*
- S090-08** 12:00-12:15 Airborne lidar mapping of invasive lake trout in Yellowstone lake --- *J. A. Shaw, J. H. Churnside, J. J. Wilson, N. E. Lerner, R. R. Tiensvold, P. E. Bigelow, T. M. Koel*
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