
Wednesday, 25 June 2008

**Session 70: Lidar Networks and Assimilation of Observations into Forecast Models -
Oral Presentations**

Co-Chairs: Juan Carlos Antuna, Adolfo Comeron

- S07O-01** NIES lidar Network; strategies and applications --- *A. Shimizu, N. Sugimoto, I. Matsui, B. Tatarov, C. Xie, T. Nishizawa, Y. Hara*
10:45-11:00
- S07O-02** EARLINET for long term observations of aerosol over EUROPE --- *G. Pappalardo, J. Bösenberg, A. Amodeo, A. Ansmann, A. Apituley, L. A. Arboledas, D. Balis, C. Böckmann, A. Chaikovsky, A. Comeron, G. D'Amico, V. Freudenthaler, I. Gigorov, G. Hanson, H. Linnè, I. Mattis, L. Mona, D. Mueller, V. Mitev, D. Nicolae, A. Papayannis, M. R. Perrone, A. Pietruczuk, M. Pujadas, J.-P. Putaud, F. Ravetta, V. Rizi, V. Simeonov, N. Spinelli, T. Trickl, U. Wandinger, M. Wiegner*
11:00-11:15
- S07O-03** CALIPSO and beyond: long-term ground-based support of space-borne aerosol and cloud lidar missions --- *U. Wandinger, A. Ansmann, I. Mattis, D. Müller, G. Pappalardo*
11:15-11:30
- S07O-04** The GAW aerosol lidar observation Network (GALION) --- *R. M. Hoff, J. Bösenberg, G. Pappalardo*
11:30-11:45
- S07O-05** The convective and orographically-induced precipitation study: A research and development project of the world weather research program --- *V. Wulfmeyer, A. Behrendt, H.-S. Bauer, U. Corsmeier, C. Kottmeier, G. Craig, G. Ehret, M. Hagen, U. Schumann, H. Volkert, A. Blyth S. Crewell, P. Di Girolamo, C. Flamant, M. Miller, A. Montani, S. Mobbs, E. Richard., M. W. Rotach, M. Arpagaus, H. Russchenberg, P. Schlüssel, M. König, V. Gärtner, R. Steinacker, M. Dorninger, D. D. Turner, T. Weckwerth*
11:45-12:00
- S07O-06** Review of observing system simulation experiments to evaluate the potential impact of lidar --- *R. Atlas, G. D. Emmitt*
12:00-12:15