
Monday, 23 June 2008

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

**Session 7P: Lidar Networks and Assimilation of Observations into Forecast Models –
Poster Presentations**

Co-Chairs: Adolfo Comeron, Raymond Hoff, Gelsomina Pappalardo

- S07P-01** Monitoring aerosol and ozone in CIS regions: 3 years of CIS- LiNet activity ---
A. Chaikovsky, Y. Balin, O. Bukin, B. Chen, A. Ivanov, I. Plusnin, G. Tulinov, V. Zuev
- S07P-02** Effect of long range aerosol transport on air pollution in the East European
regions: lidar, sun-radiometer and local monitoring at the EARLINET, CIS-
LiNet and AERONET/PHOTONS sites --- *A. Chaikovsky, A. Aculinin, N. Chubarova, S. Denisov, O. Dubovik, P. Goloub, B. Holben, A. Ivanov, V. Kabashnikov, B. Kazeruk, M. Korol, F. Osipenko, A. Pietruczuk, A. Slesar, P. Sobolewski*
- S07P-03** SPALINET: The Spanish Lidar Network. results from the first year: system
intercomparison --- *M. Sicard, A. Comeron, F. Molero, J. L. Guerrero-Rascado, R. Pedros, F. J. Expósito, C. Córdoba -Jabonero, F. Rocadenbosch, M. Pujadas, L. Alados-Arboledas, J. A. Martinez-Lozano, J. P. Díaz, M. Gil, J. M. Bolarín, J. M. Moreno, A. Requena*
- S07P-04** Lidar for atmosphere research over Africa - A trilateral research programme
(LARA - TRIP) --- *V. Sivakumar, D. Moema, A. Sharma, N. Mbatha, C. Bollig, S. Malinga, G. Mengistu, H. Bencherif, P. Keckhut*
- S07P-05** The Canadian observational research aerosol lidar Network (CORALNET) is
being implemented to study the impact of aerosols on air quality on local,
regional and national scales --- *K. B. Strawbridge, M. G. Harwood, M. S. Travis, B. J. Firanski*
- S07P-06** A Lidar Network in Latin America in the context of GALION --- *J. C. Antuña, E. Landulfo, B. Clemesha, E. Quel, F. Zaratti, A. Bastida, E. Solarte*
- S07P-07** Assimilating Lidar Data into WRF for Near-term Forecast Improvement --- *S. Rabenhorst, D. N. Whiteman, B. Demoz*
- S07P-08** Joint OSSE and Joint OSSE Nature runs --- *M. Masutani, E. Andersson, R. Errico, J. Woollen, D. Emmitt, A. Stoffelen, G.-J. Marseille, S. A. Wood, S. Greco, T. Schlatter, L. P. Riishojgaard, F. Weng, S. Lord, Z. Toth, T. Zhu, R. Yang, H. Sun, Y. Xie, O. Reale, N. Prive, Y. Song, H. Pryor, A. Tompkins, E. Liu, V. Anantharaj, C. Hill, P. Fitzpatrick, A. Da Silva, M. McGill, T. Miyoshi, T. Enomoto, M. Yamaguchi, D. Devenyi, S. Weygandt*
- S07P-09** 3D transport structure of Asian dust retrieved by NASA CALIOP and a dust
transport model assimilated with the NIES lidar Network data --- *Y. Hara, A. Shimizu, S. Nobuo, K. Yumimoto, I. Uno*
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