Monday, 23 June 2008

15:30-18:30  Poster Session I

Session 2P: Atmospheric Winds and Turbulence – Poster Presentations
Co-Chairs: Agnes Dolfi-Bouteyre, Stephen Hannon

S02P-01 Evaluation of a motion stabilization system using random errors in wind profiles measured by a ship based scanning Doppler lidar --- Wm A. Brewer, S. C. Tucker, R. M. Hardesty

S02P-02 New technologies for direct detection Doppler lidar: Status of the TWiLiTE airborne molecular Doppler lidar project --- B. Gentry, M. McGill, G. Schwemmer, M. Hardesty, A. Brewer, T. Wilkerson, R. Atlas, M. Sirota, S. Lindemann, F. Hovis

S02P-03 Uncertainties in the global wind analysis and targeted Doppler lidar wind measurements for seasonal climate study --- Z. Pu

S02P-04 Evaluating Space Based Doppler Wind Lidar using a full OSSE at NCEP --- M. Masutani, J. S. Woollen, S. J. Lord, G. D. Emmitt, S. A. Wood, S. Greco, Z. Toth Y. Song

S02P-05 A Performance evaluation for long-range turbulence detection using UV Lidar --- P. Feneyrou, J.-C. Lehureau

S02P-06 New developments of lidar-based windshear detection --- P. W. Chan, M.L. Kuo

S02P-07 Dual Doppler lidar retrieval of 2D wind field --- P. W. Chan, A. M. Shao

S02P-08 Reconciliation of the rotor concept --- A. Dörnbrack, M. Weissmann, C. Kühnlein

S02P-09 Doppler lidar study of nocturnal boundary layer structure --- Y. L. Pichugina, R. M. Banta, W. A. Brewer, R. K. Newsom

S02P-10 Wind profile reconstruction from intensity fluctuations of optical wave scattered in a turbulent atmosphere --- V.A. Banakh, D.A. Marakasov


S02P-12 Short term prediction of measurement accuracy of the radial wind velocity in the planetary boundary layer --- A. P. Shelekhov, E. A. Shelekhova, A. V. Starchenko, D. A. Belikov

S02P-13 Development of commercial wind lidar receiver --- D. Sun, F. Shen, H. Cha, D. Zhang, J. Dong
Direct detection wind lidar development for meteorological applications at Qingdao --- Z. Liu, S. Wu, B. Liu, Z. Li, Z. Wang