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**Tuesday, 24 June 2008**

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

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**Session 3P: Observations of Boundary Layer Structure and Dynamics – Poster Presentations**

**Co-Chairs: Christoph Senff, Sara Tucker, Ulla Wandinger**

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- S03P-01** Wavelet algorithm for the estimation of mixing layer heights with ceilometer --- *G. Teschke, J. Reichardt, D. Engelbart*
- S03P-02** Long-term performance and stability of boundary layer investigations with an eye-safe one lens lidar ceilometer --- *C. Münkel, R. Roininen, S. Emeis, K. Schäfer, J. Förster*
- S03P-03** Automatic retrieval of the atmospheric boundary layer height --- *S. Egert, D. Peri*
- S03P-04** Methods of deriving atmospheric layering from lidar data --- *A. Nemuc, C. Talianu, E. Carstea, C. Radu, D. Nicolae, S. Stefan*
- S03P-05** Boundary layer height measurements derived from portable automated lidar (PAL) and suspended particulate matter (SPM) concentrations in Chiba, Japan - -- *N. Lagrosas, N. Takeuchi, H. Kuze, S. Naito, A. Sone, H. Kan*
- S03P-06** Atmospheric Transport of Smoke and Dust Particulates and their Interaction with the PBL as Observed by Multi-wavelength Lidar and Supporting Instrumentation --- *L. Charles, Y. Wu, B. Gross, F. Moshary, S. Ahmed*
- S03P-07** Measurements of tropospheric aerosol in São Paulo area with Raman Lidar --- *E. Landulfo, F. J. da Silva Lopes, A. S. Torres, R. Facundes da Costa, I. Veselovskii*
- S03P-08** Raman observations of a low level jet: implications on surface chemistry --- *B. Demoz, M. Weldegaber, M. Adam, D. Venable, R. Connell, M. Robjhon, E. Joseph, R. Hoff, R. Delgado, K. McCann, M. Wood, D. Whiteman*
- S03P-09** Pulsed Doppler lidar observations of the boundary layer --- *G. Pearson, F. Davies, C. Collier*
- S03P-10** Observations of near-surface streaks utilizing dual-Doppler lidar and heliborne sensors --- *H. Iwai, S. Ishii, N. Tsunematsu, K. Mizutani, Y. Murayama, T. Itabe, I. Yamada, N. Matayoshi, D. Matsushima, S. Weiming, T. Yamazaki, T. Iwasaki*
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