

Thursday, 26 June 2008

Session 8O: Middle and Upper Atmosphere Physics and Chemistry - Oral Presentations
Co-Chairs: Philippe Keckhut, Chikao Nagasawa

- S08O-01** Advances in middle atmosphere research with lidar --- *X. Chu* (invited)
8:30-8:55
- S08O-02** Mesospheric momentum flux studies over Fort Collins, CO (41N, 105W) --- *P. E. Acott, C. Y. She, S. C. Reising, T. Yuan, J. Yue, S. D. Harrell, Z. A. Yan, D. A. Krueger*
8:55-9:10
- S08O-03** Analysis of the wave-driven circulation in the Arctic middle atmosphere using
Rayleigh lidar observations --- *B. Thuraiajah, R. L. Collins, V. L. Harvey, D. E. Atkinson, K. Mizutani, J. M. Livingston, C. J. Heinselman, M. A. McCready, W. Pan*
9:10-9:25
- S08O-04** Temperature structure of the atmosphere between 1 and 105 KM at 54°N from
resonance, Rayleigh, and Raman lidar --- *M. Gerding, J. Höffner, J. Lautenbach, M. Rauthe*
9:25-9:40
- S08O-05** A He Resonance Fluorescence Doppler Lidar for Thermospheric Investigations
from 300-700 km --- *C. G. Carlson, P. D. Dragic, L. Waldrop, G. R. Swenson*
9:40-9:55