

Symposium "Technical Meteorology - bridging the gap between Natural Sciences and Engineering Sciences"

July 8th, 2010

Location: Universität Hamburg, Bundesstrasse 55, 20146 Hamburg, H1 (large lecture hall)

Language: English (preferred but not mandatory)

- 8:45 - 9:30 welcome / grant of honours / information (3 x 5...10 minutes)
- 9:30 - 9:55 **A. Lohmeyer:** From engineering to meteorology - technical meteorology and air pollution from large industrial sources
- 9:55 - 10:20 **N. Moussiopoulos:** Emerging urban air quality problems at European level - technical meteorology and early advances in urban air quality management
- 10:20 - 10:50 coffee break
- 10:50 - 11:15 **I. Castro:** Flow, turbulence and dispersion in the urban canopy - the role of laboratory experiments in technical meteorology
- 11:15 - 11:40 **S. Emeis:** Probing the lower atmospheric boundary layer - full-scale measurements by ground-based remote sensing
- 11:40 - 12:05 **K. Schäfer:** Local emissions and distributed sources - technical meteorology and field immission measurements in complex environments
- 12:05 - 13:05 lunch
- 13:05 - 13:30 **M. Ketzel:** Future challenges in applied air quality modeling and management - technical meteorology and modern problems in urban air quality
- 13:30 - 13:55 **S. Aubrun:** Evolving new fields of reserach ... the role of technical meteorology in wind energy research
- 13:55 - 14:20 **J. Franke:** Setting standards at a European level ... technical meteorology in an interdisciplinary reserach community
- 14:20 - 14:45 **H. Schlünzen:** Technical Meteorology at the University of Hamburg
- 14:45 - 15:00 transfer to wind tunnel laboratory
- 15:00 - 15:30 coffee break in the wind tunnel laboratory
- 15:30 - 15:35 brief introduction of the MeMi group
- 15:35 - 15:40 brief introduction of the EWTL group
- 15:40 - 16:00 concluding remarks by Prof. M. Schatzmann
- 16:00 - 17:30 ... the last experiment(s)
- 18:30 - 22:00 Dinner (personal contributions possible, beamer/laptop available upon request)