



Stadt der
Bremen Wissenschaft
Bremerhaven
2005

Blockseminar
AWI Bremerhaven & IUP Bremen
&
PEP Summer School

7- 8 July 2005

Meeting place:

University of Bremen
UFT Zentrum für Umweltforschung und Umwelttechnologie
Raum 1790, 1. Stock
Uni Campus, Leobener Straße



Programme

THURSDAY, 7 July

Topic: Atmospheric research in virtual institutes

13.30 - 13.40

Welcome and introduction
(Prof. Schrems, AWI)

13.40-14.30

COSI^{TRACKS} Convective Storms Virtual Institute
(Prof. Kottmeier / Dr. Corsmeier (FZK))

14.30 - 15.20

IMACCO: Virtual Institute for inverse modelling of the atmospheric chemical composition
(Dr. Elbern, U Köln)

15.20 - 16.10

ZTT: Center for Tropical Tropopause
(Prof. Riese, FZJ)

16.10 -16.30

Coffee break

16.30 - 17.20

HALO: Atmospheric research with the new research aircraft HALO
(Prof. Schumann, DLR)

17.20 - 18.10

PEP: Pole – Equator – Pole (Variability of atmospheric trace constituents along a North-South Traverse)
(Prof. Notholt UB, Prof. Dethloff AWI-P)

ca. 19.00

Dinner (Haus am Walde ?)

FRIDAY, 8 July

Topic: Atmospheric measurement techniques

09.00 -9.45

Guided lab tour in the Institute of Environmental Physics for external participants
Meeting point: Building NW1, Otto-Hahn-Allee 1, Glass hall (Entrance level)
Prof. Notholt & Prof. Burrows et al

9.45 -10.00

Coffee at UFT (Zentrum für Umweltforschung u. Umwelttechnologie)

10.00-10.45

Ground-based FTIR spectroscopy of atmospheric trace gases
Dr. Sussmann (FZK, IMK-IFU)

10.45-11.05

Trace Gas Measurements with mobile FTIR spectrometers
Dr. Warneke (UB)

11.05-11.35

Ground-based trace gas measurements by microwave radiometry
Dr. Kopp (FZK)

11:35-11.50

Coffee break

11.50-12.20

Profiling of atmospheric trace gases and aerosols by lidar
Dr. Immler (AWI)

12.20.-12.50

Lidar measurements in the Arctic (Koldewey station)
Dr. Ritter (AWI-P)

12.50-13.20

Aerosol optical depth measurements with sunphotometers
Dr. Herber (AWI)

13.20-14.00

Trace gas measurements from satellites
Dr. Bovensmann (UB)

ca. 14.00 closing