

Active Remote Sensing with Lidar

Lecturers: Dr. Baars, Dr. Engelmann and other scientists

Leibniz Institute for Tropospheric Research (TROPOS)

Location: TROPOS, Seminar room, building 23.1, Permoserstr. 15, Leipzig

Schedule: likely on Wednesdays, 10:45-12:15, Seminar: 12:15 – 13:00 o'clock

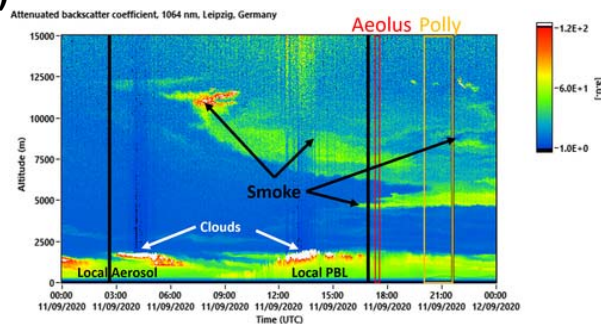
Start: 16 October 2024

Requirements for credit points: Attendance at lecture and seminar, for seminar: Presentation of the content of a publication related to the lecture (30 min, supervised) and subsequent elaboration (4 weeks after last seminar).

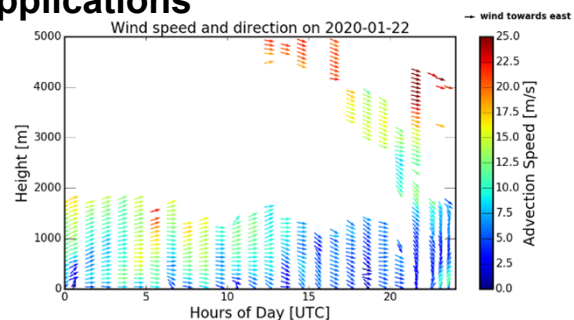
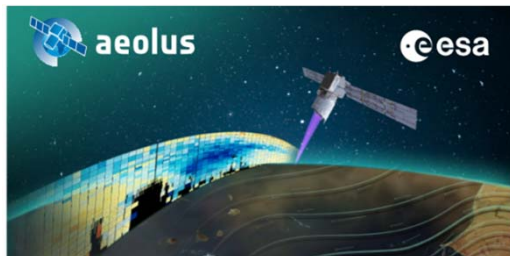
Content:

Principles, technical realizations, experiments and meteorological applications:

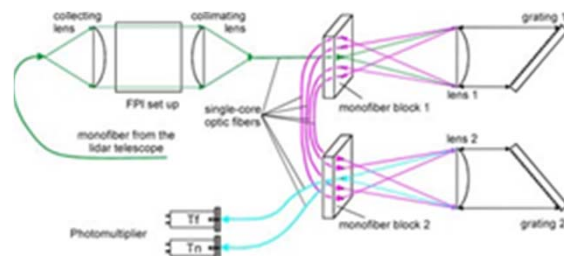
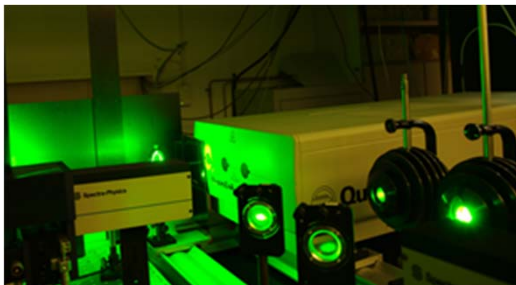
Light Detection and Ranging (Lidar)



Doppler (Wind-)lidar+ spaceborne applications



Elements of the optical measurement techniques



Synergies by combining instruments

