

Active Remote Sensing with Lidar

Lecturers: Dr. Althausen, Dr. Ansmann, Dr. Baars, Dr. Engelmann, Dr. Seifert
 Leibniz Institute for Tropospheric Research (TROPOS)

Location: TROPOS, Seminar room, building 23.1, Permoserstr. 15, Leipzig
 and **Online** (i.e., hybrid):

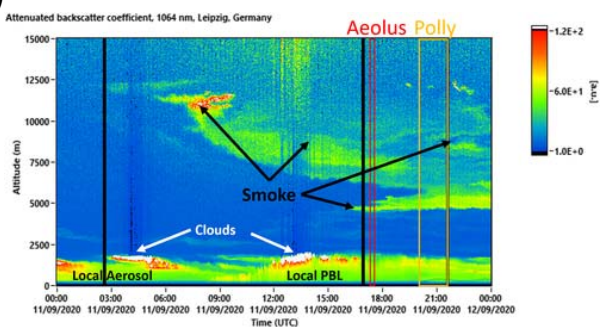
<https://us02web.zoom.us/meeting/register/tZYscuyspz0sHdTiBxe1r5wMGh5tVSv8im-O>

Schedule: on Wednesdays, 9:45 – 11:15, Seminar: 11:15 - 12:00 o'clock

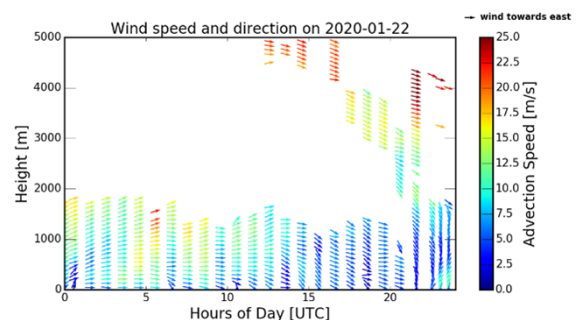
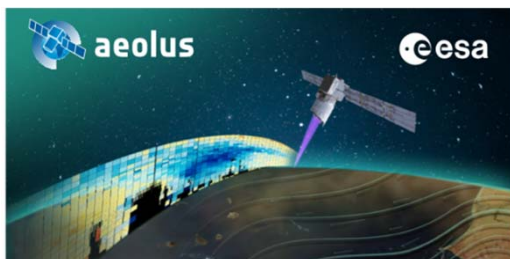
Start: 13 October 2021

Principles, technical realizations and meteorological applications:

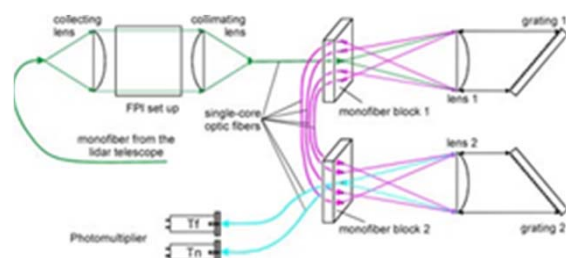
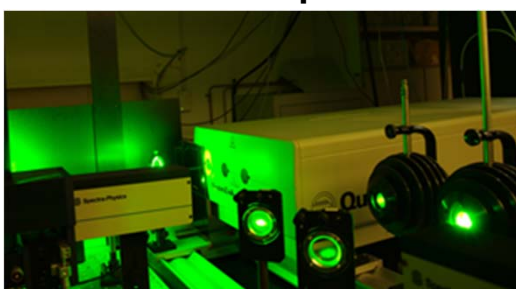
Light Detection and Ranging (Lidar)



Doppler (Wind-)lidar



Elements of the optical measurement techniques



Synergies by combining instruments (with radar + passive remote sensing)

