Announcement of Lectures and Practical Work

**Data assimilation**
(Master Elective Module T6)

Lecturer: J. Quaas, O. Sourdeval

Location: Seminar room Vor dem Hospitaltore and CIP-Pool, Talstraße 35

Time: Wednesday 9.15 – 11.30
(8 Lectures, 10 April – 12 June; 4 courses Practical work 19 June – 10 July

Start: Wednesday, 10 April 2019

Topics: Combination of modelling and observations, Statistical basics, Objective analysis, cost function, Kalman filter, Variational assimilation

Remark: Some or all of the lectures will be taught in English, depending on the attendants

Exams: The exam for this class is an oral presentation about the practical work and a short written report.

Literature:
Data Assimilation Research Testbed (DART), http://www.image.ucar.edu/DARes/DART/