



Announcement of Lectures and Exercises

Global Climate dynamics (Master Module P4)

- Lecturers: Johannes Quaas (Lectures)
Olivia Linke / Iris Papakonstantinou-Prévelou (Exercises)
- Location: Seminar room, Vor dem Hospitaltore 1
- Time: Wednesday 13.15 – 14.45 h (Lectures)
Wednesday 15.00 – 15.45 h (Exercises)
- Start: Wednesday 6. April 2022 (Lectures)
Wednesday 20. April 2022 (Exercises)
- Topics: Atmospheric and oceanic large-scale circulation, energy cycles,
Coupling of energy and water cycles, climate feedbacks, physics of
climate change
- Module exam: Oral exams (30 min.; individual appointments in the week 18 to 22 July)
- Moodle: <https://moodle2.uni-leipzig.de/course/view.php?id=26494>
- Literature: Peixoto and Oort, Physics of Climate, Springer, 2007, 564pp.
Holton, An Introduction to Dynamic Meteorology, Elsevier Academic Press,
2004, 535pp.
Emanuel, Atmospheric Convection, Oxford University Press, 1994, 492pp.