



Announcement of Lectures and Exercises

Global Climate dynamics (Master Module P4)

- Lecturers:** Johannes Quaas (Lectures)
Jan Kretzschmar (Exercises)
- Location:** Bjerknes auditorium, Stephanstr. 3
Lectures will be **online-only** for 9 April – 7 May and 28 May – 11 June
<https://uni-leipzig.zoom-x.de/my/jquaas>
- Time:** Wednesday 10.15 – 11.45 h (Lectures)
Wednesday 12.00 – 13.30 h (Exercises)
- Start:** Wednesday 9 April 2025 (Lectures)
Wednesday 16 April 2025 (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 7 – 10 July)
- Moodle:** <https://moodle2.uni-leipzig.de/course/view.php?id=48569>
- 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.