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Seminar über Microwave Physics and Atmospheric Physics

Referent/in: Dr. Emmanuele Russo, KUP, University of Bern

Titel: Understanding the Climate of the Past: a case study for Europe

The climate has always changed in Earth's history. This is one of the main claims of climate skeptics against the evidences of recent human-driven climate changes and pessimistic predictions for future developments. Knowing whether and how unusual the recent and prospected climate changes are, is the key for determining their anthropogenic footprint and developing adequate adaptation and mitigation strategies. At the same time, the past represents a testbed for the evaluation of our knowledge of the climate system, fundamental for assessing the plausibility of future climate projections.

Here some general insights on paleoclimate reconstructions are introduced, for then focusing on the specific role of climate models. Challenges and developments inherent to a particular case study for Europe will be discussed.

Zeit: Freitag, 29.11.2019, 10:15 Uhr

Ort: **Hörsaal A97**, Gebäude Exakte Wissenschaften, Sidlerstrasse 5, Bern, Schweiz