Institute colloquium

Effects of land-sea distribution on the mid latitude climatic response to anthropogenic forcing

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Host: Caroline Muller

The warming observed on the Earth over the last decades is not homogeneous: different characteristics of the surface are responsible for a faster temperature rise over continents than over oceans, for a strong polar amplification, and for an elevation-dependent warming.In this talk, atmospheric thermodynamical and dynamical processes associated to the differential warming will be presented. In particular, the effects of land-sea contrasts on mid latitude meteorological variability, including the occurrence of winter cold spells, heavy precipitations, and droughts will be discussed.

Monday, November 13, 2023 11:30am - 12:30pm
Raiffeisen Lecture Hall

This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station. Please find a schedule of the ISTA Shuttle on our webpage: https://ista.ac.at/en/campus/how-to-get-here/ The ISTA Shuttle bus is marked ISTA Shuttle (#142) and has the Institute Logo printed on the side.