

From the Last Interglacial to the Anthropocene

Simulation of the complete last glacial cycle

M. Latif, M. Schulz, T. Ilyina, K. Fieg & PalMod project Members



Understanding the past, predicting the future

130ky simulations with fully coupled physical (atmosphere - ocean - ice sheet - ice shelf - solid earth) and biogeochemical model systems

Highlights:

- Implementation of fully coupled atmosphere-, ocean- and ice-sheet models.
-> vEGU 30.4: CR3.1 C.Schanwell et al.: 9:13-9:15
- Simulation of the last deglaciation with an atmosphere/ocean/ice sheet/solid earth model
-> vEGU 27.4: CL1.2 U. Mikolajewicz et al.: 15:47 – 15:49
- Implementation of coupled ocean and land BGC
-> vEGU 27.4. T.Kleinen et al., CL1.2: 13:36 – 13:38
- Systematic comparison of newly compiled proxy data with model simulations.
-> vEGU 27.4.: N.Weitzel et al., CL1.2: 13:36 – 13:38
- Characterising Dansgaard-Oeschger cycles: from MIS3 to today
-> vEGU 29.4. H.Andres & L. Tarasov, N3.2: 13:43-13:45

