

Date	CET 15:00-15:30 (UTC 13:00-13:30)	CET 15:30-16:00 (UTC 13:30-14:00)
16.07.2020	Why do we always see power law scaling in proxy data? (Discussion - Thomas Laepple)	How much climate variability is recorded in ice core records at resolution below centennial ? (Talk - Mathieu Casado)
30.07.2020	"The water cycle response across scales" (Talk - Miguel Nogueira)	Information about the Caspian Sea and Black Sea (area) changes. Climate change and water budget mechanisms of sea level changes. Using the model of stochastic walking. Calculation of the pdf. Paradoxical interpretation of results about data/model comparison. (Talk - Alex Kislov) https://doi.org/10.1016/j.quaint.2017.11.030 ; http://dx.doi.org/10.1016/j.quaint.2014.05.014
13.08.2020	Long-memory behavior in tree ring and other proxies. (Presentation - Scott St. George.)	"Reconstructing environmental and climate changes using organic compounds (lipid biomarkers) in aquatic and terrestrial sedimentary archives" (Talk - Sebastian Naehrer)
27.08.2020	Holocene climate variability from a large database of pollen-based reconstructions in the Northern Hemisphere were evaluated. Discussion of mechanisms leading to a scaling break from instrumental data to the reconstructions. (Short Talk+Discussion - Raphaël Hébert)	Glacial variability recorded in pollen https://doi.org/10.5194/egusphere-egu2020-7492 (Talk - Nils Weitzel)
10.09.2020	Budyko-Sellers version 2.0: the 2D Fractional Energy Balance Equation and climate modelling. (Talk - Shaun Lovejoy)	Surface air temperature spectra of the Common Era https://doi.org/10.5194/egusphere-egu2020-262 (Talk - Beatrice Ellerhoff)
24.09.2020	PAGES data synthesis presentation: Antarctica 2K and the new temperature 12 ka database (Talk - Anaïs Orsi)	Climate field reconstruction for sea surface temperatures in the North Atlantic Ocean for the past 1-2 millennia. The reconstruction methodologies include the Bayesian Algorithm for Reconstruction of Climate Anomalies in Space and Time (BARCAST) and the proxy surrogate method (aka the analogue method). (Talk - Tine Nilsen)
08.10.2020	"A physics-based scaling theory for Pleistocene climate dynamics" (Talk - Michel Crucifix + Michael Verbitsky)	Modeling of past extinctions and climate change: https://arxiv.org/abs/1902.07936 (Talk - Ivan Sudokov)
22.10.2020	Recent work on potential artifacts of nonlinear analysis of proxies as recently revealed by studying proxy system models (Lekscha & Donner, Nonlin. Proc. Geophys., 2020). (Talk - Reik Donner)	Precipitation vs. temperature variability changes under changing mean state (Short talk + Discussion - Kira Rehfeld)