Palaeoecology: from the past to the future
100 years of Palaeoecology in Bern

PROGRAMME

Monday, June 8th

08.15-09.00  Registration & Coffee at UniS

09.00-09.15  Welcome, by T.F. Stocker (President of the Oeschger Centre for Climate Change Research)

09.15-09.45  100 years of Palaeoecology in Bern: past, present, and future.
H.J.B. Birks: A view from the outside
W. Tinner: A view from the inside

09.45-10.15  Coffee break

Session 1: Scales & Proxies
Chair: César Morales del Molino
10.15-10.55  T. Giesecke/W. Finsinger: Local to continental vegetation response to climate change
10.55-11.15  E.K. Magyari: Multi-proxy palaeoecology in mountain landscapes: quantitative reconstructions, ancient DNA, and lipid biomarkers as promising new directions
11.15-11.35  O. Heiri: Long-term aquatic ecosystem development: Climate, human activity and an interplay of stressors and scales

11.35-12.45  Poster Session 1, Chairs: C. Schwörer & C. Morales del Molino

12.45-13.45  Lunch

Session 2: Scales & Proxies
Chair: E. Gobet
13.45-14.25  C. Whitlock: Palaeofire reconstructions: A matter of scale
14.25-14.45  D.G. Gavin: Quaternary disjunctions: Biogeographic inference from palaeoecology in a heterogeneous landscape points to remarkable dispersal histories
14.45-15.05  G. Gil Romera: Cause and Effect: a view of the spatio-temporal dimensions of disturbance and its drivers

15.05-15.45  Coffee break

Session 3: Quantification, Modelling and Theory of Palaeoecology
Chair: C. Schwörer
15.45-16.25  J.W. Williams: Community data platforms for global-scale integrative science and the next generation of palaeoecologists
16.25-16.45  P.D. Henne: Combining palaeoecology with dynamic vegetation models to understand past changes and anticipate future impacts
Tuesday, June 9th

Session 4: Palaeoecology’s Human and Societal Dimension
Chair: C. Morales del Molino

09.00-09.40  J.P. Smol: Lakes in the Anthropocene: Using appropriate temporal and spatial scales to better understand human impacts on lakes

09.40-10.00 R.H.W. Bradshaw: Human impact and disturbance in the palaeoecological record: from landnam to wildwood

10.00-10.20 E. Gobet: Success and failures during 7000 years of conversion of dark forest into arable land

10.20-11.00 Coffee break

11.00-12.15 Poster Session 2, Chairs: C. Schwörer & C. Morales del Molino

12.15-13.15 Lunch

Session 5: Implications of Palaeoecology for Biodiversity and Conservation
Chair: W. Tinner

13.20-14.00 L. Gillson: Biodiversity conservation for an uncertain future: using palaeoecology in scenario planning

14.00-14.20 M. Conedera: Including palaeoecological knowledge in modern forest management

14.20-15.00 K.J. Willis: Why conserve biodiversity? Answers from the past

15.00-15.30 W. Tinner: Closing and conclusions