List of poster presentations

To limit crowding the poster session is split in two:

- **Uneven numbered posters are presented during poster session A**
- **Even numbered posters are presented during poster session B**

1. Eve, Afonso; Renaud Scheifler; Isabelle Jouffroy-Bapicot; Christophe Mavon; Damien Rius
   Reconstructing bat diet and insect biodiversity from guano sedimentary DNA
2. Jamie Alumbaugh; Jan Ingemar Ohlsson; Sally P. Horn; Tanvi Honap; Graciela Cabana
   Plant sedaDNA from the Highlands of Ecuador
3. Tulug Gulce Ataman, Youri Lammers, Inger Greve Alsos, Antony Brown.
   Reconstructing Vegetation and Agricultural Dynamics Over 9,500 Years: Insights into DNA Deposition in Northern Norway
4. Ines Barrenechea Angeles, Justyna Falkowska, Dhanushka Devendra, Marek Zajaczkowski, Jan Pawlowski and Joanna Pawlowska
   Overview of eukaryotic succession in Gdansk Bay over the last 5000 years BP.
5. Kristen K, Beck, Andrew W, Dempster
   Using palaeoecological off-grid genomics to understand the effects of wildfire on freshwater ecosystems
6. Sanne Bergman, Anders Schomacker, Kim Præbel, Andreas Altenburger
   Holocene climate warming and coastal ecosystem dynamics in northern Norway: mapping marine metazoan diversity using sedaDNA
7. Inda Brinkmann; Matt O'Regan; Bennet Juhls; Paul Overduin; Lisa Bröder; Negar Haghipour; Jorien Vonk; Julie Lattaud; Taylor Priest; Dustin Whalen; Atsushi Matsuoka; André Pellerin; Daniel Rudbäck; Maria-Emilia Rodriguez-Cuicas; Katharina Schwarzkopf; Blanda Matzenbacher; Thomas Bossé-Demers; Michael Fritz; Peter D. Heintzman
   Biodiversity impacts of environmental changes in the Canadian Beaufort Sea
8. Fiona Callahan; Rasmus Nielsen
   Integrating modern occurrence records and sedaDNA data to improve Environmental Niche Models
9. Yuanyu Cheng, David Walsh, Daniel Selbie, Irene Gregory-Eaves
   Protecting the future by learning from the past: Salmon nursery lake ecosystem reconstruction through sedimentary DNA
10. Nihan Dilsad, Dagtas; Viviane, Slon
    Developing a compact field kit for the rapid detection of ancient DNA preserved in sediments
11. Rebecca, Dorendorf; Piet, Spaak; Nathalie, Dubois; Laura S., Epp
    Tracing the invasion: Using eDNA to track the spread of Dreissena mussels
12. Aurore, GALTIER; Merlin, SZYMANSKI; Benjamin, VERNOT; Janet, KELSO; Matthias, MEYER; Kay, PRÜFER
    SediQuest: A user-friendly pipeline for the analysis of nuclear DNA capture data from sediment samples

13. Gianluca Grasso, Régis Debruyne, Olivier Rué, Naoise Nunan, Lucie Bittner, Valeria Bianciotto, Roland Marmeisse
    Have global change and agricultural practices affected plant and soil microbial biodiversity? - a historical DNA approach
14. Mathias, Hopfinger; Bernhard, Salcher; Jan-Christoph, Otto, Andreas, Tribsch
    Using sedaDNA for restauration and refunctionalization of degraded peatlands in Austria
15. Sam Hudson, Eduardo Machicado, Alexandra Stevenson, Aleks Pluskowski and Selina Brace
    2000 Years of Ecological Community Dynamics in London- A Molecular Biography of an Urban Centre
16. Anna, Janiczek; Tomasz, Suchan; Michał, Słowiński; Inger G., Alsos; Michał, Ronikier
    Central European mountain refugia for the arctic-alpine flora: first insights from sedaDNA diversity in lakes of the Tatra Mts. and Karkonosze Mts.
17. Weihan, Jia; Simeon, Lisovski; Ronja, Schwenkler; Kathleen, Stoof-Leichsenring; Ulrike, Herzschuh
    High-latitude plant refugia during Quaternary glacial-interglacial cycles revealed by species distribution modeling and sedimentary ancient DNA
18. Emily Kallend, David Ryves, Teri Hansford, Robin Allaby, John Boyle, Madeline Moyle, Alison MacLeod, Wim Hoek, Jeff Evans
    Reconstructing mid Holocene lake and catchment changes: using diatoms, SedaDNA and XRF to investigate drivers of change at Rostherne Mere, UK
19. Viktoria Keller
    Human impact on biodiversity focusing on palms of the genus Pritchardia
20. Zoë Kleijwegt; Kevin, Nota; Benjamin, Vernot; Annegret, Larsen
    Reconstructing subtropical landscapes with sedaDNA: Insights from two lakes in Nepal's Terai Arc Landscape
21. Michinobu Kuwae; Hideyuki Doi; Yusuke Hirahashi; Tatsuya Saito; Chisato Numa
    Changes in haplotype composition of Japanese anchovy for the last 2000 years
22. Jan Laine, Jana Nickel, Anders Romundset, Andrew Foote
    Stickleback sedaDNA time-series from isolated Norwegian lakes reveal patterns and dynamics of early stages of freshwater adaptation
23. Maria Leunda, Christoph Schwörer, Niklaus Zemp, Miguel Bartolomé, Penélope González-Sampériz, Graciela Gil-Romera, Ánchel Belmonte, Willy Tinner, Nadir Alvarez, Jérémy Gauthier, Christoph Sperisen
    Potential of ice caves to disclose long-term genetic variability of mountain vegetation
24. Ying Liu, Simeon Lisovski, Jérémy Courtin, Kathleen R. Stoof-Leichsenring, Ulrike Herzschuh
    Plant interactions associated with a directional shift in the richness range size relationship during the Glacial-Holocene transition in the Arctic
25. Mary Lucas, Mikael Cerbing, Inger Greve Alsos, Stephen Wickler, Claire-Elise Fischer, Antony Brown
    Sedimentary ancient DNA analysis of cooking pits from the Iron Age site of Rødskjær in Northern Norway
26. Marilena Marconi, Elisa Rondoni, Cristiano Vernesi, Matteo Girardi, Francesca Di Paolo, Sofia Selvatici, Andrea Lami, Simona Musazzi, Caterina Carabelli, Diego Fontaneto, Ester Maria Eckert, Aldo Marchetto, Laura Parducci

Assessing biota changes and ecological quality in Italian volcanic lakes: a comparison of sedimentary DNA hybridization capture and metabarcoding

27. Tyler, Murchie; *Scott, Cocker**; Sina, Baleka; Nicola, Vogel; Libby, Natola; Emil, Karpinski; Diana, Tirlea; McIntyre, Barrera; Danielle, Grant; Evan, Morien; Linda, Rutledge; Duane, Froese; Hendrik, Poinar
    Ancient environmental DNA preserved in Yukon ground squirrel burrows records Pleistocene ecosystems over the last 700,000 years
28. Amelia, Muscott; Caroline, Kisielinski; Ciara, Wanket; Paula, Noble; Darren, Larsen; James, Simmons
    Holocene drought and vegetative responses revealed through integrated sedaDNA and sedimentary analyses in a high-desert environment, Great Basin, USA
29. Yuan Pan
    Arctic Greening: using ancient DNA to determine responses of willows and birches to climate changes
30. Rannveig Þórhallsdóttir, Ragnheiður Traustadottir, Emmett Smith, Charles Peck
    Exploring sedaDNA from early settlement sites in the East-fjords of Iceland
31. Cristina Ramos Capón, Penelope González-Sampériz, Alessio Cardillo, Hugo Saiz, Irene Julián Posada, Michel Zech, Laura Epp, Roland Zech, Ana Moreno, Angela Ara, Graciela Gil-Romera
    Long-term resilience of Pyrenean subalpine ecosystems: a high resolution sedaDNA approach to reconstruct ecological communities using Holocene paleoenvironmental records
32. Elisa Rondoni, Marilena Marconi, Cristiano Vernesi, Matteo Girardi, Andrea Lami, Simona Musazzi, Caterina Carabelli, Diego Fontaneto, Ester Maria Eckert, Aldo Marchetto, Renato Spicciarelli, Donatella Battaglia, Laura Parducci
    Using ancient eDNA to assess VOlcanic LAkes REference condition, biodiversity and ecological response to climate change and anthropic pressure -VOLARE
33. Rikai Sawafuji, Ryohei Sawaura, Shinji Yamasaki, Masaki Fujita, Mikkel W. Pedersen
    Sedimentary ancient DNA analysis at the Sakitari Cave Site, Okinawa
34. Michael Schneider
    Development of a bioinformatic toolkit for paleometagenomic analysis using the example of sedaDNA data from Saxon Switzerland
35. Joeselle Serrana; Run Tian; Michael S. McLachlan; Francisco J. A. Nascimento; Elias Broman; Benoît Dessirier; Malte Posselt
    Spatiotemporal Dynamics of Riverine Benthic Microbial Communities and their Biodegradation Potential
36. Ingrid, M. Sætersdal Magdalena, Łącka; Bjørg, Risebrobakken; Haflidi, Haflidason; Stijn, De Schepper; Tristan, Cordier; Øystein, Varpe; Agnes, K. M. Weiner
    Changes in protists communities in Lurefjorden over the last three centuries assessed using sedimentary ancient DNA
37. Bishnu Timilsina, Dilli Prasad Rijal
    Bryophyte sedaDNA from a Norwegian Arctic Lake Reveals Past Ecosystem
38. Lasse, Topstad; Youri, Lammers; Dorothee, Ehrich; Charlotte, Clarke; Haflidi, Haflidason; Jan, Mangerud, John-Inge, Svendsen; Lucas, Elliott; Inger, Alsos
    Consistent patterns of vegetation composition and taxonomic diversity over 20 000 years in two adjacent arctic-alpine catchments in the Polar Urals

39. Alex, Williams; Wenzhe, Yin; Lucy, Lataillade; Jia, Lim; Matthias, Siewert; Sofie,Sjögersten; Andrew, Clarke; Tommy, Lam
    Permafrost thaw: changing Arctic landscapes, their microbiomes and global health
40. Scarlett Zetter, Youri Lammers, Luisa Deppe, Antony G Brown, Chris Francis, Ashley Abrook, Stefan Engels, Wim Hoek, Ian Matthews, Adrian Palmer, Inger G Alsos
    Tracing abrupt climate changes: SedaDNA reveals impact of sudden climate change on plant communities in Wales since the Last Glacial Maximum