



# SedDNA Meeting

## Tuesday 6 June 2023

### Symposium - Lecture Hall (13:00 - 14:40)

time	[id] title	presenter
13:00	[2] Welcome & outline of the day	STOOF-LEICHSENDRING, Kathleen HERZSCHUH, Ulrike
13:20	[1] Going north: postglacial arrival of animals to N Fennoscandia in relation to vegetation changes	ALSOS, Inger
13:40	[4] Paleogenetic perspectives on life and climate history in Southeast Alaska	LINDQVIST, Charlotte
14:00	[5] Vegetation dynamics from sedimentary ancient DNA	HERZSCHUH, Ulrike
14:20	[3] Benchmarking Variables Affecting Taxa Classification of Ancient Metagenomics Data	WANG, Yucheng

### Symposium - Lecture Hall (16:20 - 18:00)

time	[id] title	presenter
16:20	[6] Recovering ancient DNA from the seafloor to reconstruct Antarctic ecosystems	ARMBRECHT, Linda
16:40	[7] Microbial functional genes recovered with metagenomics from sedimentary archives	CAPO, Eric
17:00	[8] Assessing the response of microeukaryote communities to anthropogenic changes in temperate lakes through the sedDNA approach	BAROUILLET, Cecilia
17:20	[10] SedaDNA in Polar Paleoceanography	DE SCHEPPER, Stijn
17:40	[9] Sedimentary ancient DNA reveals plankton community shifts in subarctic western Bering Sea back to the Eemian interglacial	STOOF-LEICHSENDRING, Kathleen

# Wednesday 7 June 2023

## Symposium - Lecture Hall (09:00 - 10:20)

time	[id] title	presenter
09:00	[12] Ancient DNA damage accumulation in time-series data	PEDERSEN, Mikkel
09:20	[13] From where, from when and how? Assessing the provenance and spatiotemporal fidelity of sedimentary DNA	EPP, Laura
09:40	[14] Hunting for the causes and consequences of mammoth extinction on Wrangel Island	HEINTZMAN, Pete
10:00	[15] Can de-extinction become real?	HOFREITER, Michael

## Symposium - Lecture Hall (11:00 - 12:40)

time	[id] title	presenter
11:00	[17] Bioinformatic Resources for Ancient Metagenomics	YATES, James Fellows
11:20	[16] Population genetics from sediments: challenges and perspectives	VERNOT, Benjamin
11:40	[18] Ecological insights derived from contemporary spatio-temporal eDNA analyses	CREER, Simon
12:00	[19] Some thoughts for using plant sedDNA to reconstruct climate by adapting the pollen-based method CREST	CHEVALIER, Manuel
12:20	[20] Detecting critical transitions with paleo-records: a multivariate approach	TARANU, Zofia