

<b>LAST NAME:</b>	<b>FIRST NAME:</b>	<b>COUNTRY:</b>	<b>ABSTRACT TITLE:</b>	<b>PRESENTATION TYPE:</b>
Alcami,	Antonio	Spain	Diversity of DNA and RNA viruses in polar regions	Oral Presentation
Archer,	Stephen	New Zealand	Microbial dispersal limitation to the McMurdo Dry Valleys of Antarctica	Oral Presentation
Bakermans,	Corien	United States of America	Comparative genomics of Psychrobacter reveal habitat-specific characteristics	Poster
Baptista,	Mafalda	New Zealand	Nitrogen point source tracking in Antarctica environments: a case study of Cape Adare penguin colony	Oral Presentation
Barbato,	Robyn	United States of America	Deciphering unique microbial diversity within the late Holocene in interior AK	Oral Presentation
Barbato,	Robyn	United States of America	Contaminant degradation in Arctic and sub-Arctic Alaska	Poster
Bottos	Eric	Canada	Ecological Controls on Bacterial Community Structure in Antarctic Dry Valley Soils	Oral Presentation
Collins,	Eric	United States of America	An Atlas of Arctic Marine Microbial Diversity Reveals the Uniquity of Sea Ice	Oral Presentation
Cooper,	Zachary	United States of America	Uncovering microbial community diversity in Alaskan cryopeg brines	Oral Presentation
Eeva	Eronen-Rasmus	Finland	Excess carbon induces PHA production in Antarctic sea-ice bacteria	Oral Presentation
Ellis,	Madison	Canada	Fungal community composition in permafrost and dynamics post-thaw.	Oral Presentation
Ellis,	Madison	Canada	Hydrocarbon Biodegradation along Canada's Northwest Passage Shorelines	Poster
Els,	Nora	Austria	Vertical Biogeography -Bacterial and Fungal Diversity beyond the Boundary Layer	Oral Presentation
Els,	Nora	Austria	High Diversity and Ice Nucleation Activity in Iceland Air and Snow	Poster
Els,	Nora	Austria	Ice Nucleation Potential and Microbiology of Natural and Artificial Snow	Poster
Gostinčar,	Cene	Slovenia	Population genomics of polyextremotolerant polar fungi	Oral Presentation
Grebenc,	Tine	Slovenia	Hypogeous fungi (truffles) diversity and cultivation at the upper timber line	Oral Presentation
Gunde-Cimerman,	Nina	Slovenia	Fungi in Svalbard glaciers and Greenland Ice Sheet: Are they alike?	Oral Presentation
Gutiérrez-Chávez,	Brenda	Australia	Microbial Bioactives and Their Role in Antarctica	Poster
Hägglom,	Max	United States of America	Bacterial rRNA operon profiling of Arctic tundra soils by MinION sequencing	Poster
Hägglom,	Max M.	United States of America	Dynamics of Subzero-Active Bacterial Communities in Arctic Tundra Soils	Oral Presentation
Hancock,	Alyce M.	Australia	Effects of ocean acidification on Antarctic marine microbial communities	Oral Presentation
Hancock,	Alyce M.	Australia	Effect of ocean acidification on Antarctic marine microbes – a meta-analysis	Poster
Hanes,	Steven	United States of America	Cold-adapted Enzymes: Analysis of Ess1, a key regulator of RNA polymerase II	Oral Presentation
Ji,	Mukan	China	Soil bacterial community assembly changes during primary succession	Oral Presentation
Kaftan,	David	Czechia	Ecophysiology of European cryotrophic Chlamydomonadales (Chlorophyta)	Oral Presentation
King-Miaow,	Katie	New Zealand	High temporal resolution sampling of polar airborne microorganisms	Oral Presentation
Kizawa,	Ayumi	Japan	Photosynthetic pigment compositions of cyanobacteria in cryoconite in Greenland	Poster
Larose,	Catherine	France	What shapes communities in snow?	Oral Presentation
Layton,	Rose	France	Migration and Colonisation of Multiple Niches in Young Sea Ice and Frost Flowers	Oral Presentation
Layton,	Rose	France	New Methodology for Accessing Polar Plasmid Diversity	Poster
Lebre,	Pedro H.	Portugal	Caudovirales drive viral-host competition in Antarctic microbial communities	Oral Presentation
Lee,	Kevin	New Zealand	Addressing contaminants in community analysis of the Antarctic atmosphere	Poster
Magalhães,	Catarina	Portugal	Biogeography of Arctic microbial nitrogen-cycling traits in the Svalbard shelf	Oral Presentation
Malard,	Lucie	United Kingdom	The diversity and biogeography of the Antarctic surface snow bacteriome	Oral Presentation
Michaud,	Alexander	Denmark	Glacial influences on carbon mineralization pathways in Arctic fjord sediments	Oral Presentation
Miura,	Maki	United Kingdom	Effects of freeze-thaw and dry-wet events on microbial activity in soil	Poster
Mondini,	Antonio	Italy	Effect of environmental heat-shock stress on glacier microbiome	Poster
Monteiro,	Maria	New Zealand	How resilient Antarctic microbiomes can be to climate-induced changes?	Oral Presentation
Murray,	Alison	United States of America	Polar windows to Ocean Worlds of the Outer Solar System	Oral Presentation
Oquist,	Mats	Sweden	Microbial life in frozen soils – what can and what cannot?	Oral Presentation
Perini,	Laura	Italy	Algal-fungal interactions on the Greenland Ice Sheet surface	Oral Presentation
Pessi,	Igor S.	Brazil	Meta-omics investigation of soil communities in the Finnish Arctic tundra	Oral Presentation
Purcareau,	Cristina	Romania	Total and active microbiome from perennial cave ice	Oral Presentation
Ray,	Angelique	Australia	Bacteria living on air: trace gas chemoautotrophy is abundant in Antarctic soils	Oral Presentation

Rego,	Adriana	Portugal	Diversity of bacterial biosynthetic genes across Fildes Bay, King George Island	Oral Presentation
Ryan,	Ken	New Zealand	In situ hyperspectral imaging of the distribution and abundance sea-ice bottom algae	Oral Presentation
Ryan,	Ken	New Zealand	Micro-electrodes in the cold: a preliminary insight into sensing stress in fast-ice microbial communities	Oral Presentation
Sipes,	Katie	United States of America	Metagenome assembled genomes (MAGs) from freshwater Siberian permafrost	Oral Presentation
Strunecky,	Otakar	Czechia	Cyanobacteria from polar regions, a field identification guide	Oral Presentation
Timling,	Ina	United States of America	Drivers and scales of plant-fungal communities in patterned-ground ecosystems.	Poster
Vishnivetskaya,	Tatiana	United States of America	First Gaze at Microbial Community of the Marine Permafrost Through Metagenomics	Oral Presentation
Vogel,	Timothy	France	Determining possible origin, structure and function of microbial communities	Oral Presentation
Weisleitner,	Klemens	Austria	Microbial Communities along Consecutively Connected Habitats in East-Antarctica	Poster
Wild,	Lesley	New Zealand	Characterising the response of mycorrhizal networks to agents of global change	Poster