

Approximate time (UTC)	Abstract number	Name	Affiliation	Presentation title
13:00 Geosciences				
	209	Adriana Noelia Tuduri Hlodak	Facultad de Ciencias , Universidad de la República	MOLECULAR SIGNATURES OF ENHANCED MELTWATER DISCHARGE AND ORGANIC MATTER VARIABILITY IN COLLINS BAY, ANTARCTIC PENINSULA
	240	Uliana Prokhorova	Arctic and Antarctic Research Institute	Preliminary Results of the Surface Energy Balance Observation Program on the Dome Bellingshausen (Collins Glacier)
	282	Sergey Kakareka	Institute for Nature Management, National Academy of Sciences of Belarus	MODELLING THE HUMAN IMPACT ON THE AIR ENVIRONMENT OF THE SCHIRMACHER OASIS, EAST ANTARCTICA, DUE TO THE OPERATION OF SCIENTIFIC STATIONS
	893	Jan Erik Arndt	BOKU University	New geomorphological constraints on past ice-sheet development in the central southern Weddell Sea Embayment
	918	Khomiakova Victoriia Andreevna	Arctic and Antarctic Research Institute	Preliminary results of stable water isotopes and electrical conductivity studies in a 541-meter ice core drilled in a coastal zone of Princess Elizabeth Land, East Antarctica
	1030	Shi Quan Ooi	Ca' Foscari University of Venezia/National Institute of Oceanography and Applied Geophysics	Geothermal heat flow beneath the Thwaites Glacier estimated from defractal spectral analysis of aeromagnetic data
	1347	Franca Neumann	University of Münster	Spatio-temporal modelling of soil moisture dynamics in Taylor Valley, Antarctica.
	1485	Daan van den Broek	Finnish Meteorological Institute	Solar and Atmospheric Forcing During the 2025–26 Whitelce Campaign at the Nansen Ice Shelf
	1619	Thomas Schmid	CIEMAT	Hydrological and Morphological Controls on the Evolution of Drainage Networks in the Ice-Free Area of Byers Peninsula, South Shetland Islands
13:15 Life Sciences				
	101	Alejandra Silva Cardona	Universidad Jorge Tadeo Lozano	The last ocean falls: microplastics at the base of Antarctic life
	286	Octavia Brayley	University of Birmingham	The effects of an invasive insect, Eretmoptera murphyi (Diptera: Chironomidae), on Antarctic soil biogeochemistry and potential greenhouse gas emissions
	343	Tamara Kukharchyk	Institute for Nature Management, National Academy of Sciences of Belarus	Towards monitoring of microplastic in freshwater lakes of Antarctic oases
	810	Sofia Galbán	Universidad Autónoma de Madrid	Antarctic scents: detecting microbial fingerprints of Antarctic wildlife
	900	Leung Yu Him	Chinese University of Hong Kong	Estimation of mercury budget on Antarctic terrestrial surfaces through integrating ground measurements with remote sensing tools and aerial measurements
	1126	Albert Palomino-González	Universidad Austral de Chile	Geomorphological controls on nest site suitability and reproductive performance in the declining chinstrap penguin
	1223	José Pedro Marques Queirós	CIIMAR - Interdisciplinary Centre of Marine and Environmental Research	SCARFISH Horizon Scan: Guiding the research on Southern Ocean fish over the next decades
	1415	Sharath Chandra Thota	CIIMAR - University of Porto	Methodological Evaluation of Biological Ice-Nucleating Particles in Antarctic Precipitation, including Atmospheric River Events
	1462	Lucia Zubizarreta	Instituto de Ecología, Genética y Evolución de Buenos Aires (CONICET, Argentina)	Diatom abundance in an Antarctic proglacial shallow lake as a function of ice cover and tidal dynamics
	1716	Haruna Murata	Institute of Cetacean Research	JASS-A, a unique systematic non-lethal research program on whales and the ecosystem in the Indo-Pacific sector of the Antarctic: objectives and mid-term results
	1806	Topârceanu Florica	Ștefan S. Nicolau Institute of Virology, Bucharest, Romania	Researches of diatom communities in the Antarctic and sub-Antarctic areas
13:30 Physical Sciences				
	234	Ram Parameswar Menon	Indian Institute of Technology Madras	Coupled snowfall and sea ice interactions in the coastal Amundsen-Bellingshausen Seas
	247	Estelvina Rodriguez Portillo	National University of Itapua	Integrating Antarctic Climate Variability and Machine Learning for Seasonal Climate Prediction in Data-Scarce Regions
	542	Purvee Nisarg Joshi	Space Applications Centre, ISRO	Surface Energy Balance over the Antarctic Ice Sheet: The Role of AAO and Topography in Turbulent Heat-Flux Redistribution through the Troposphere (1972-2024)
	560	Suelen de Souza Cadaval	Federal University of Rio Grande - FURG, Brazil	Regional Correlation Between Antarctic Sea Ice Variability and the Polar Front Based on the GLORYS12V1 Ocean Reanalysis
	896	Shruti Singh	NCPOR, Goa, India	Contrasting Glacio-Chemical Signatures from Adjacent Ice Rises in Coastal Dronning Maud Land: Implications for Deep Ice-Core Site Selection
	1163	Elise Marie	University of Manitoba	A thermodynamic rate of ablation for iceberg keels
	1752	Lauren Farias Cruz	Universidade Federal do Rio Grande - FURG	Investigating the role of the ocean's eddy kinetic energy on the variability of Antarctic sea-ice
	1802	Daniel Alcântara Barretto Gontijo	University of São Paulo	The Interconnected Dynamics of Antarctic Circulation and Its Effects on the South Atlantic MOC
13:45 Social Sciences and Humanities				
	51	Ken Livingston	Lincoln University	Does the rapid rise in tourist numbers change the environmental risk to Antarctica?
	85	Francisco Javier Sánchez Urrea	Mirador Antártico - Huellas Magallánicas - Fundación Valle Hermoso - CEDESTRA - Centro de Estudios Hemisfericos y Polares	"First Chilean Antarctic expedition: origins and future projections after 80 years"
	86	Francisco Javier Sánchez Urrea - M	Mirador Antártico - Embajadores Antárticos - Fundación Valle Hermoso - Centro internacional Cabo de Hornos	"Children's imaginaries in the representation of Antarctica and their importance"
	87	Francisco Javier Sánchez Urrea	Embajadores Antárticos - Academia de Historia Naval y Marítima de Chile - CEDESTRA	"Lighthouses and navigational aids in Antarctica: the silent service that has enabled safety"
	122	María Pastora Sandoval Campos	Mirador Antártico	Analysis of the dynamics of internet searches for the word "Antarctica" in the Gateway Cities: similarities and differences of the 5 geographical points.
	184	Ondrej Gomola	The International Institute for Industrial Environmental Economics, Lund University, Sweden	Grass is not always greener: enablers and barriers of non-native species governance and management in Antarctica
	350	Dana Jellin	Antarctic Legacy of South Africa, Stellenbosch University	Evaluating AI for Heritage Digitisation: A Case Study from the Antarctic Legacy of South Africa (ALSA)
	606	Tina Kaiser	University of Marburg	Encounters at the End of the World – Tracing Antarctic Expedition Legacies: Cultural Signatures and Evolving Narratives
	1135	Francyne Elias-Piera	Gelo na Bagagem Institute	Humanizing polar science: narrative writing as a tool for antarctic science communication
	1139	Allison Cusick	Scripps Inst of Oceanography, UC San Diego	Artists and Scientists Reanimate Phytoplankton Life and the Nuclear Legacy of Antarctica in the (Di)atomic Garden
	1149	Francyne Elias-Piera	Gelo na Bagagem Institute	Antarctic education in primary school: the "Aventuras no Gelo" project as an interdisciplinary approach to ocean literacy
	1792	Mauricio Rosenfeld	INOCAR	The forms of water
	1805	Gabriela Batallas	CODEU	Polar Antipodes
14:05 Cross-disciplinary Topics				
	53	Rogelio Morales-Garcia	Universidad Central de Venezuela	Edge AI Satellite Platforms: Optimizing Remote Sensor Management for Antarctic Scientific Observation
	385	Leticia Cobos Silva	Federal University of Sao Paulo; Technological Research Institute (IPT)	Effects of antarctic diesel contamination on the thermal properties of sandy soil under freeze-thaw conditions.
	683	Tim Ferns	British Antarctic Survey	Decarbonisation through High Voltage: Overcoming Challenges in deploying HV faced by National Antarctic Programs (sponsored by COMNAP Early Careers Award)
	889	Daniela Pawelski Amaro Marins	Federal University of Espirito Santo - Mediantar - Brazil	HABITABILITY UNDER EXTREMES: Integrated Environmental Monitoring at the Brazilian Antarctic Station Comandante Ferraz
	1191	Hamidreza Lashgarian Azad	University of Wollongong	eXplainable Systematic Conservation Planning
	1451	Catarina Pereira Santos	MARE – Marine and Environmental Sciences Centre / ARNET – Aquatic Research Network	Exploring the ecology of the Southern Ocean governance discourse
	1798	Ksenija Vuckovic	Interdisciplinary Centre of Marine and Environmental Research (CIIMAR) and University of Porto	Wet Deposition of Bacteria in King George Island, Antarctica: Microbial Diversity and Functional Potential
	1820	Juan Sebastian Huertas Olea	Universidad Militar Nueva Granada	AI-enabled satellite and AIS monitoring of Antarctic shipping pressure