

PDF IV – Conference schedule (all times are shown in UTC)

Thursday 23 September

07:00		Welcome
07:10		Opening Keynote – Peter Pulsifer
07:25	Fair data - part 1	Data and metadata sharing for polar sciences as the NADC in Japan – Masaki Kanao
07:35		Digital Antarctica – A FAIR approach to Australian Antarctic research data – Rob E. Jennings
07:45		Building a science community through data tools – Petra ten Hoopen
07:55		Improving findability and accessibility of long-tail data through the US Antarctic Program data Center – Frank O. Nitsche
08:05		The EMODnet Physics Arctic Data Portal – Antonio Novellino
08:15		Towards an Ecosystem of Interoperable Data Infrastructures: contributions from the Canadian Consortium for Arctic Data Interoperability – Peter L. Pulsifer
08:25		
08:35	Fair data - part 2	Improving FAIRness of aerogeophysics datasets at the UK Polar Data Centre – Alice Fremand
08:45		FAIR and consistent data management in a large multidisciplinary project: The Nansen Legacy – Luke H. Marsden
08:55		Italian polar data archives: current state and future perspectives – Giulio Verazzo
09:05		Metadata for a spectral library on snow and ice and FAIR principles – Sabina Di Franco
09:15		From locally to globally FAIRified (meta)data management: Reflections and outcomes from an Arctic Molecular Observatory – Christina Bienhold
09:25		The Antarctic Meteorological Research and Data Center: Focus on FAIR Data – Matthew G. Noojin
09:35		Closing

Thursday 23 September

16:00		Welcome
16:10		Keynote - Matthew Mazloff
16:25	Federated metadata search	Progress on federating metadata search for the polar regions – Pip Bricher
16:35		Federated Arctic data discovery via the open DataONE network using schema.org – Matthew B. Jones
16:45		Spotlighting Arctic Data Collections with the DataONE Portals Infrastructure – Amber E. Budden
16:55	Vocabularies and semantic interoperability	Building a custom ontology to enable advanced search capabilities for MOSAiC expedition datasets archived in the Arctic Data Center – Jasmine J.M. Lai
17:05		Linking attributes, linking systems: advancing knowledge translation in the Canadian Consortium for Arctic Data Interoperability – Rebekah R. Ingram
17:15		Controlled vocabularies for polar activities – Sabina Di Franco
17:25		Advancing Discovery in NASA's Science Mission Directorate – Ruth E. Duerr
17:35		Cryosphere Semantics Harmonization Efforts at ESIP – Ruth E. Duerr
17:45		Break
17:55	Data for modellers and remote sensing	PolarWatch: Overcoming common data access challenges to provide oceanographic satellite remote sensing data for the polar regions – Jennifer P. Sevadjian
18:05		[CANCELLED] : Neural networks and transfer learning for glacial lake outburst flood monitoring – Thomas Y. Chen
18:15		Closing the gap of navigational risk in uncharted Arctic waters with novel satellite-based data products – m H. Bojesen
18:25		OC4-SO algorithm: improving satellite retrievals of chlorophyll a in the Antarctic Peninsula – Afonso Ferreira
18:35		Data Use Cases: Applying AI and Data Science Tools to Optical Images and AIS Data from the Arctic – Ekaterina Kim
18:45		Closing

Friday 24 September

07:00		Welcome
07:10		Keynote - Jamie McMichael-Philips
07:25	Collaborative production of data, information and knowledge	Polar biodiversity data: from a national marine platform to a global data portal – Petra ten Hoopen
07:35		New data on the glaciers of the Koryak Highlands: assessment of the state using satellite images and field studies – Maria D. Ananicheva
07:45		SO-CHIC: a data infrastructure for the Antarctic community – Antonio Novellino
07:55		Extending Argo float coverage in polar regions – Simo Siiriä
08:05		The SCAR Antarctic Biodiversity Portal – Anton Van de Putte
08:15		ISOBatA: Italian Pilot project for the exploitation of underway seafloor datasets in the Antarctic region and surrounding areas – Daniela Accettella
08:25		Break
08:35		Looking back, looking ahead: The ELOKA Program at 15 years – Noor Johnson
08:45		Data Life-Cycle Management to encompass an automated Data Pipeline at Ocean Networks Canada: Community Fishers Program – Saurav Sahu
08:55		Logistical information management/ New Ships
09:05	Who's going where and how? What can they do when they get there? Towards an integrated database for polar research logistics and infrastructures – Pip Bricher	
09:15	Optimizing Arctic Observing Through Interoperable Information Sharing Across Networks – William F. Manley	
09:25		Closing

Friday 24 September

16:00		Welcome
16:10	Knowledge mobilization and decision making	Arctic Sustainability and the Satellite Record of Maritime Ship Traffic – Paul Arthur Berkman
16:20		Leveraging Open Source Technologies to Support Arctic Permafrost Science – Kenton McHenry
16:30		Linking many centers – Progress on defining and engaging around Sustaining Arctic Observing Network’s Roadmap for Arctic Observing and Data Systems (SAON-ROADS) – Sandy Starkweather
16:40		A data tool for planning, prevention, and response to international maritime incidents in the Bering Strait – Jill S. Prewitt
16:50		The Permafrost Discovery Gateway Portal: Enhancing online, pan-Arctic visualization and exploration of high resolution permafrost data Christopher S. Jones
17:00		Quantifying, communicating and confirming rates of coastal change in the Inuvialuit Settlement Region – Michael Allchin
17:10		Break
17:20	Data policy	Alignment of Polar Data Policies - Recommended Principles – Stein Tronstad
17:30		Customized data workflow for an interdisciplinary research project – Jean Baptiste Barré
17:40		Arctic Data Systems in the ROADS Process – David Arthurs
17:50	Barriers to data sharing / user needs	Using the Nunaliit Atlas Framework for Mapping the Polar Data Ecosystem – Matthew M. King
18:00		Walking On Thin (Arctic) Ice: Negotiating the Digital Landscape of Protected and Sensitive Arctic Social Science Research Data – Timothy J. Pasch
18:10		Closing Keynotes – Pip Bricher & Renuka Badhe
18:20		