



# Chemical, biogeochemical, and physical drivers of the coupled polar atmosphere and climate: an International Polar Year 2032-33 planning workshop

## Monday 18 November 2024

### Day 1: Orientation I (Plenary) - What is IPY? (08:15 - 10:00)

-Conveners: Antoine Haddon; Kathy Law; Elise Droste (rapporteur)

time	[id] title	presenter
08:15	[3] Welcome and introduction	ANGOT, H��l��ne FREY, Markus
08:30	[4] What is the International Polar Year? - an IASC perspective	BURGESS, Henry
08:45	[40] IPY5 and SCAR	NATH, Chandrika
09:00	[5] Perspectives from Biogeochemical Exchange Processes at Sea Ice Interfaces (BEPSII)	TEDESCO, Letizia
09:15	[7] Perspectives from Air Pollution in the Arctic: Climate, Environment and Societies (PACES)	ARNOLD, Steve
09:30	[8] Perspectives from The Cryosphere and Atmospheric Chemistry (CATCH)	ZIEGER, Paul
09:45	[9] Perspectives from Antarctic Sea Ice Processes and Climate (ASPeCt)	HEIL, Petra

### Day 1: Orientation II (Plenary) - Recent and planned research initiatives/ programmes (10:30 - 12:15)

-Conveners: Ruth Price; Patrick Farnole (rapporteur); Steve Arnold

time	[id] title	presenter
10:30	[6] Perspectives from Quantifying the Indirect Effect: from Sources to Climate Effects of Natural and Transported aerosol in the Arctic (QuIESCENT)	DE BOER, Gijs
10:45	[12] IPY2007/08	LAW, Kathy
11:00	[13] Aircraft Campaigns - ArctiC Amplification: Climate Relevant Atmospheric and SurfaCe Processes and Feedback Mechanisms (AC3)	WENDISCH, Manfred
11:15	[16] PICCAASO	HUMPHRIES, Ruhi
11:25	[41] Perspectives from CRiceS	THOMAS, Jennie
11:40	[44] A modelling perspective - CMIP/ CORDEX	MOONEY, Priscilla
11:55	[45] Modeling Polar Aerosol (AEROCOM)	SCHULZ, Michael
12:10	[17] Discussion	

### Day 1: Orientation III (Plenary) - Recent and planned research initiatives/ programmes (15:00 - 16:15)

-Conveners: Lisa von Friesen (rapporteur); Holly Winton; Lisa Miller

time	[id] title	presenter
15:00	[39] Cice2Clouds	WILLIS, Megan

15:15	[14] Multidisciplinary drifting Observatory for the Study of Arctic Climate (MOSAIC)	NICOLAUS, Marcel
15:30	[10] Antarctica InSync	HAUMANN, Alexander
15:45	[42] SOOS Air-Sea Fluxes (SO-FLUX)	DELILLE, Bruno
15:55	[11] Tara Polar Station	BABIN, Marcel
16:05	[69] Discussion	

**Day 1: Brain Storming I - New Science Ideas (Breakouts) (16:15 - 16:45)**

time	[id] title	presenter
16:15	[18] Brainstorming on cross-cutting science topics (breakouts)	

**Day 1: Brain Storming II - New Science Ideas (Breakouts & Plenary) (17:15 - 19:00)**

time	[id] title	presenter
17:15	[19] Brainstorming on cross-cutting science topics (breakouts)	
18:30	[55] Breakout summaries & discussion	