



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

## Tuesday 19 November 2024

### Day 2: Keynotes I - The big picture (08:15 - 10:00)

time	[id] title	presenter
08:15	[20] Recent and future sea ice loss - the implications	STROEVE, Julienne
08:45	[43] The role of sea ice in polar marine biogeochemical cycles and ecosystems - current understanding and knowledge gaps	MEINERS, Klaus
09:15	[21] Surface-Atmosphere Gas Exchanges in the Polar Environment	HELMIG, Detlef
09:45	[23] Discussion	

### Day 2: Keynotes II - The big picture (10:30 - 11:00)

time	[id] title	presenter
10:30	[22] Climate Interventions	SCHMALE, Julia

### Day 2: Brain Storming III - Implementation (World Café) (11:00 - 12:15)

time	[id] title	presenter
11:00	[24] World Cafe 1. Research cruises	
11:10	[46] World Cafe 2. Modelling experiments	STEINER, Nadja
11:20	[47] World Cafe 3. New observation technologies	
11:30	[48] World Cafe 4. Laboratory experiments	
11:40	[49] World Cafe 5. Aircraft campaigns & remote sensing (ground-based/satellites)	
11:50	[56] World Café 6. Ground observations (short/long-term; communities)	

### Day 2: Keynotes III - The big picture (15:00 - 16:45)

time	[id] title	presenter
15:00	[25] Arctic Pulse - doing policy- and socially-relevant research in the Arctic	DAWSON, Jackie
15:30	[26] Short-lived climate forcers	ECKARDT, Sabine
16:00	[27] Aerosol and Clouds	CREAMEAN, Jessie
16:30	[28] Discussion	

### Day 2: Brain Storming IV - Implementation (World Café) (17:15 - 19:00)

time	[id] title	presenter
17:20	[50] World Café 1. Research cruises	
17:30	[51] World Café 2. Modelling experiments	
17:40	[52] World Café 3. New observation technologies	
17:50	[53] World Café 4. Laboratory experiments	
18:00	[54] World Café 5. Aircraft campaigns & remote sensing (ground-based/satellites)	
18:10	[57] World Café 6. Ground observations (short/long-term; communities)	
18:30	[29] World Café summaries and discussion	