

Polar Symposium 2022

Title: For Sustainability in the Polar Regions !?
Date: 19 May 2022
Location: Museon, Stadhouderslaan 37, 2517 HV, The Hague.

This polar symposium is organized in close collaboration between the NWO Netherlands Polar Programme (NPP), the Association of Polar Early Career Scientists (APECS-NL) and the Dutch Arctic Circle (DAC). We have put together our own mixed sessions, but also incorporated sessions with special dedicated organizers.

- by the IPO and Norwegian embassy
- by the Arctic Centre of the University of Groningen and the Canadian embassy
- by the HiRISE programme leaders

Overall it has become a diverse multidisciplinary polar symposium and we hope you will find the sessions to your liking. It might happen that some sessions become overloaded with interest. If so, we request you to pick one of your other preferences. The sessions in the Levi Lassen Hall will never be overloaded. Presentations in parallel sessions will not be synchronized in time. Pick your preferred session and try to stick with it.

We teamed up with Antarktikos and APECS-NL for a cultural side event at the Omniversum. If you can stay a little bit longer please visit that event from 18:15-20:00h

It has been an exciting challenge to organize this symposium as a physical meeting were you can meet face to face on site at the Museon after so many online meetings. Due to COVID-19 restrictions we had to postpone it twice, but now we can organize it without restrictions.

Start	Finish	Levi Lassen Hall (basement)	Studio Hall (basement)	Panorama Hall (rooftop)	Fashion lab (practicum)
9:30	10:00	Registration			
10:00	11:15	Opening: Plenary session			
11:15	11:45	<i>Coffee break/posters/networking (around the spermwhale)</i>			
11:45	13:00	Session: Climate	Session: Ice	Session: Indigenous-focused research engagement in the Arctic	Session: Life
13:00	14:00	<i>Vegetarian lunch/posters/networking (around the Spermwhale)</i>			
14:00	15:15	Session: Science & Ships	Session: Polar tourism	Session: Youth and the Arctic	Session: HiRISE
15:15	15:45	<i>Tea break/posters/networking (around the spermwhale)</i>			
15:45	17:00	Closure: Plenary session			
17:00	18:00	<i>Drinks and reception and posters (around the Spermwhale)</i>			
18:00	20:00	Cultural side event at Omniversum – Antarktikos + film & BCC film Antarctica			



Levi Lassen Hall (basement) – max 298 pax					
Start	Finish	Duration	Subject/Title	Speaker	Organisation
9:30	10:00	30 min	Welcome and open for registration (around the Spermwhale)		
			Plenary opening session	Nienke Beintema	Chair
10:00	10:10	10 min	Opening words, NL polar policy	René van Hell	Arctic ambassador (BuZa)
10:10	10:20	10 min	NWO Netherlands Polar Programme	Robert Blaauw	Chair NPP Programme Committee
10:20	10:40	20 min	Keynote: Climate Change and the Polar Regions	Michael Meredith	British Antarctic Survey
10:40	10:55	15 min	Permafrost-shrub interactions on the Siberian lowland tundra	Rúna Magnusson	WUR
			<i>Introduction new APECS-NL board members</i>		
10:55	11:05	10 min	Antarktikos – visuals - première	Esther Kokmeijer	Antarktikos
11:05	11:15	10 min	Arctic Explorer – visual – première - bring your phone	Tom Huizer	Arctic Explorer
11:15	11:45	30 min	<i>Coffee break/posters/networking (around the spermwhale)</i>		
			Parallel Session: Climate	Arian Steenbruggen	Chair
11:45	12:00	15 min	Climate initiative NWO/KNAW	Arian Steenbruggen	NWO ENW
12:00	12:15	15 min	Future trends in mean and extreme snowfall	Richard Bintanja	KNMI-RUG
12:15	12:30	15 min	Ship emission reduction in the polar regions	Lucy Gilliam	Seas at Risk
12:30	12:45	15 min	SEES II update	Frits Steenhuizen	AC-RUG
		15 min	<i>Q & A, discussion</i>	All of us	
13:00	14:00	60 min	<i>Vegetarian lunch/posters/networking (around the Spermwhale)</i>		
			Parallel Session: Science & Ships	Nienke Beintema	Chair
14:00	14:15	15 min	NIOZ and polar research	Han Dolman	NIOZ
14:15	14:30	15 min	RSV Nuyina	Joop Noordijk	Damen Naval
14:30	14:45	15 min	Current and future pressures in the Central Arctic Ocean	Martine van den Heuvel-Greve	WUR
14:45	15:00	15 min	Sustainability and field work: lessons learned from the MOSAIC expedition	Deborah Bozzato	RUG, APECS-NL
		15 min	<i>Q & A, discussion</i>	All of us	
15:15	15:45	30 min	<i>Tea/posters/networking (around the Spermwhale)</i>		
			Plenary closure session	Nienke Beintema	Chair
15:45	16:10	25 min	Take aways from the chairs	All chairs	
16:10	16:40	30 min	Keynote		
16:40	16:45	15 min	Closure	Nienke Beintema	
16:55	17:00	5 min	Invitation to drinks & reception	René van Hell	Arctic Ambassador (BuZa)
17:00	18:00	60 min	<i>Drinks and reception and posters (around the Spermwhale)</i>		
			Omniversum – cultural side event	Esther Kokmeijer	Chair
18:00	18:15	15 min	Welcome at Omniversum		
18:15	19:15	60 min	Antarktikos presentation + films		
19:15	20:00	45 min	Antarctica (BBC) film		
			End		

Studio Hall (basement) – max 75 pax					
Start	Finish	Duration	Subject/Title	Speaker	Organisation
			Parallel Session: Ice	Bert Wouters	Chair (UU, TUD)
11:45	12:00	15 min	Sustainable offshore infrastructure in changing ice conditions	Hayo Hendrikse	TUD
12:00	12:15	15 min	The Cryosphere Pavilion and the Climate Fresk at COP26: connecting science, citizens and policymakers to trigger societal changes at the right scale	Maxence Menthon	VU
12:15	12:30	15 min	The State and fate of Antarctica's gatekeepers: a High-Resolution approach for ice shelf instability (HIRISE)	Bert Wouters	UU, TUD
12:30	12:45	15 min	Pioneering an autonomous and sustainable research vehicle	Ewout Hulscher, Laurenz Edelmann	TUE
			<i>Q & A, discussion</i>	All of us	
13:00	14:00	60 min	Vegetarian Lunch/posters/networking (around the Spermwhale)		
			Parallel Session: Polar tourism	Eelco Leemans	Chair, DAC
14:00	14:15	15 min	Antarctic tourism after the pandemic: Where do we go from here?	Ricardo Ruaro	ASOC
14:15	14:30	15 min	The Role of Fundamental Principles and Values in Regulating Antarctic Tourism	Yousra Makanse, Elena-Laura Álvarez Ortega	UT
14:30	14:45	15 min	Title follows	Florence Kuyper	Expedition leader
14:45	15:00	15 min	Evolution from sharing passion and love for the Arctic to a business (riding a Tiger)	Ko de Korte	Oceanwide Expeditions
			<i>Q & A, discussion</i>	All of us	
Panorama Hall (rooftop museum) – max 50 pax					
Start	Finish	Duration	Subject/Title	Speaker	Organisation
			Parallel Session: Indigenous-focused research engagement in the Arctic	Sean Desjardins	Chair (AC-RUG)
11:45	11:50	5min	Introduction	Sean Desjarding	AC-RUG
11:50	12:10	20 min	Ethical approaches to Indigenous research and capacity-building	Sarah M. Hazell	Canadian Archaeological Association
12:10	12:30	20 min	Igeeradingit – Indigenous engagement in Material Culture research and beyond	Cunera Buijs	Volkenkunde Museum, Leiden
12:30	12:50	20 min	An overview of Co-CREATES	Francesca Brunner Alfani	RUG
		10 min	<i>Q & A, discussion</i>	All of us	
13:00	14:00	60 min	Vegetarian Lunch/posters/networking (around the Spermwhale)		
			Parallel Session: Youth and the Arctic	Renno Hokwerda	Chair (NWO – NPP)
14:00	14:15	15 min			
14:15	14:30	15 min			
14:30	14:45	15 min			
14:45	15:00	15 min			
		15 min	<i>General Q & A, discussion</i>		
15:15	15:45	30 min	Tea/posters/networking (around the Spermwhale)		



Fashion Lab (practicum) – max 30 pax					
Start	Finish	Duration	Subject/Title	Speaker	Organisation
			Parallel Session: Life Discussions open for interested participants	Nienke Beintema	Chair
11:45	12:00	15 min	Climate-fire feedbacks in the Arctic	Sander Veraverbeke	VU
12:00	12:15	15 min	Vulnerability of Arctic migratory birds	Chiel Boom	WUR
12:15	12:30	15 min	Small but mighty: marine microbial communities in the coastal Southern Ocean	Julia Engelmann	NIOZ
12:30	12:45	15 min	Tree cover changes reveal contraction of north American boreal forests	Ronny Rotbarth	WUR
		15 min	<i>General Q & A, discussion</i>	All of us	
13:00	14:00	60 min	<i>Vegetarian Lunch/posters/networking (around the Spermwhale)</i>		
			Parallel Session: HiRISE	Bert Wouters	Chair (UU, TUD)
14:00	15:15	75 min	State and fate of Antarctica's gatekeepers: a High Resolution approach for Ice Shelf instability (HiRISE)		
			This programme aims to develop high-resolution remote sensing and modelling approaches to assess ice shelf weakening. Within this framework HiRISE will focus on three processes that are crucial for ice stability: i) (sub-)surface processes related to melt and hydrofracturing ii) basal melt processes and iii) mechanical weakening due to damage.	The HiRISE consortium, consisting of TUDelft, IMAU, KNMI, NIOZ and ULB is led by young scientists who will present and discuss their progress	TUD, IMAU-UU, KNMI, NIOZ, ULB
15:15	15:45	30 min	<i>Tea/posters/networking (around the Spermwhale)</i>		



DiscoverLab' – max 36 pax					
Start	Finish	Duration	Subject/Title	Speaker	Organisation
			Parallel Session: Teenager College	Esther Kokmeijer	Chair
11:45	12:50	75 min	<p>This is a CLOSED session and will be in Dutch. Deze sessie is besloten en in het Nederlands.</p> <p>Een interactieve rondleiding op de polen over allerlei polair onderzoek voor basisschool scholieren.</p> <p>De scholieren maken kennis met het werk van jonge poolonderzoekers die expert zijn op het gebied van mariene (micro-) organismen, zee-ijs, microalgen, permafrost, kusterosie, jaarringen van Arctische dwergstruikjes en klimaat, de MOSAIC expeditie</p>	<p>Verzorgt door:</p> <p>Tom Huizer</p> <p>Rúna Magnússon</p> <p>Deborah Bozzato</p> <p>Esther Kokmeijer</p>	<p>Arctic Explorer</p> <p>APECS-NL (WUR)</p> <p>APECS-NL (RUG)</p> <p>APECS-NL (Antarktikos)</p>
12:50		13:00	Groepsclip opnemen voor plenaire sessie	Esther Kokmeijer	APECS-NL, Antarktikos
13:00	14:00	60 min	<i>Vegetarische lunch (bij de potvis)</i>		
14:00		90 min	School visits museum		

