

# PROGRAM

2019



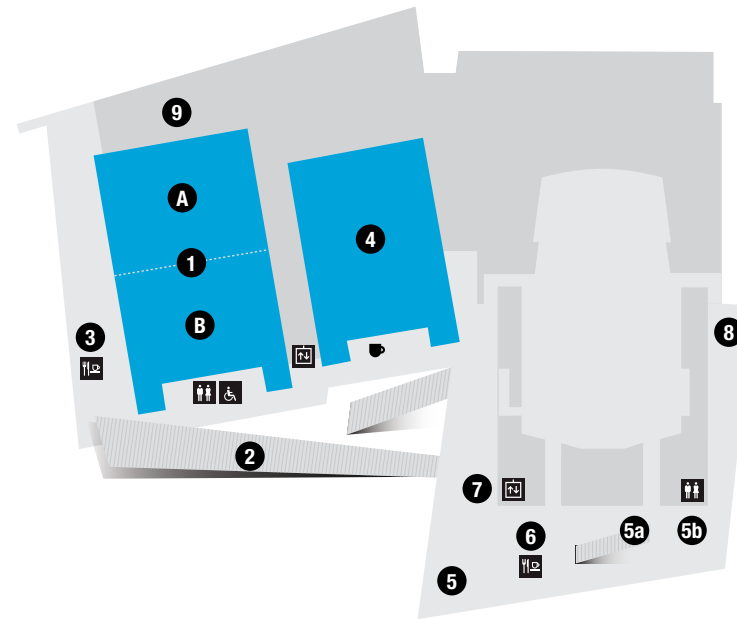
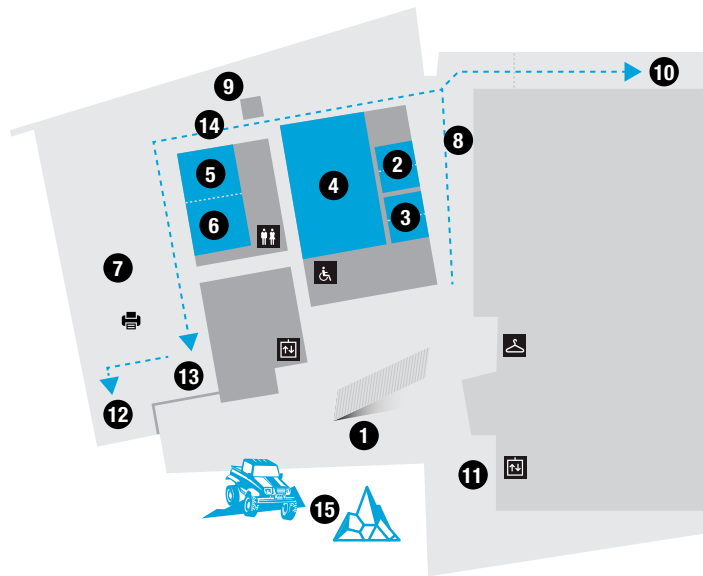


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## FIRST FLOOR

1. Registration / Info desk
2. Stemma - Meeting Rooms
3. Vísa - Meeting Rooms
4. Kaldalón - Sessions
5. Ríma A - Sessions
6. Ríma B - Sessions
7. Flói - **Networking Meeting Booths**  
Business Centre
8. Hafnarstræti: I am Inuit Exhibition
9. Norðurbryggja - Reception Area
10. Elevator to Háaloft (8th Floor)
11. Elevators to Sessions & Arctic Circle Bar:  
Björtuloft & Esja (5th Floor)  
Arctic Circle Bar (4th Floor)  
Akrafjall (4th Floor)  
Skarðsheiði (3rd Floor)  
Expo Pavilion Session (K2 Level)
12. Hafnarkot - Sessions
13. Flói Sessions
14. Exhibition: #Earth #Art
15. Harpa Main Entrance  
Exhibition: Arctic Trucks  
Exhibition: ICEBERG!



## SECOND FLOOR

1. Silfurberg - Main Hall - Plenary Sessions
- A. Silfurberg A - Sessions
- B. Silfurberg B - Sessions
2. Exhibition: Inuit Qaujimagatuqangit
3. Catering Area and Media Desk  
Exhibition: Yamalo-Nenets Nomadic Tradition
4. Norðurljós - Sessions & Receptions  
Arctic Circle Café
5. Harpa Corner  
5a. Exhibition: Arctic Innovations  
5b. Exhibition: Chinese Arctic Research Expeditions
6. Catering Area
7. Elevators to Sessions & Arctic Circle Bar  
Björtuloft & Esja (5th Floor)  
Arctic Circle Bar (4th Floor)  
Akrafjall (4th Floor)  
Skarðsheiði (3rd Floor)  
Expo Pavilion Sessions (K2 Level)
8. Viðey - Sessions
9. Speakers Ready Room







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# WEDNESDAY, OCTOBER 9 – PRE-EVENTS

**14:00 – 19:00 REGISTRATION**  
**Location: Harpa Conference Centre and Concert Hall**

**09:00 – 16:00 FROM NATIONAL STRATEGIES TO SHARED SOLUTIONS:**  
**BEST PRACTICES FOR SUSTAINABLE DEVELOPMENT IN THE ARCTIC**  
**Location: Hof, Akureyri, North Iceland**  
 Organized by the Northern Research Forum at the University of Akureyri and the Greenland Representation in Reykjavik  
 Open to all Assembly participants.

**SPEAKERS**  
 Ásthildur Sturludóttir, *Mayor of Akureyri, Iceland*  
 H.E. Ane Lone Bagger, *Minister for Education, Culture, Church and Foreign Affairs, Greenland*  
 H.E. Þórdís Kolbrún Reykfjörð Gylfadóttir, *Minister of Tourism, Industry and Innovation, Iceland*

**09:00 – 17:15 SENIOR ARCTIC OFFICIALS – ARCTIC ECONOMIC COUNCIL MEETING**  
**Location: Harpa Concert Hall and Conference Centre, Reykjavik**

**Closed meeting – by invitation only**  
 Organized by the Ministry for Foreign Affairs of Iceland

**12:00 – 15:00 LEIF ERIKSSON DAY: CELEBRATING AMERICAN - ICELANDIC ENTERPRISE**  
**Location: Hús Atvinnulífsins, Borgartún 35**  
 Organized by the American - Icelandic Chamber of Commerce  
**Closed meeting – by invitation only**

**14:00 – 15:30 THE FAITH FOR EARTH INITIATIVE**  
**Location: Skálholt Cathedral, Southern Iceland**  
 Organized by the Evangelical Lutheran Church of Iceland, the Soil Conservation Service of Iceland, the Institute for Religion and Reconciliation, and the United Nations Association of Iceland  
**Open to all Assembly participants**  
**SPEAKERS**  
 H.E. Guðmundur Ingi Guðbrandsson, *Minister for Environment and Natural Resources, Iceland*  
 Iyad Abumoghli, *Principal Coordinator, Strategic Engagement with Faith-based Organizations, Faith for Earth*  
 Beatrice Dossah, *environmental activist, Ghana*

**Peter Fischer-Møller, Bishop at Roskilde, Denmark**  
**Agnes M. Sigurðardóttir, Bishop of Iceland, National Church of Iceland**

**15:00 – 18:00 ARCTIC CIRCLE ADVISORY BOARD MEETING**  
**Location: Harpa Concert Hall and Conference Centre, Reykjavik**  
**Closed meeting – by invitation only**

**18:00 – 20:00 EXHIBITION OPENING: LITTLE THINGNESS OF GREENLAND**  
**TITARTAKKAT MIKISUT KALAALLIT NUNAANNEERSUT:**  
**ARCTIC SKETCHBOOKS BY BÉNÉDICTE KLÈNE**  
**Location: Alliance Française of Reykjavik, Tryggvagata 8**  
 Organized by the Embassy of France in Iceland  
 Supported by the Institut Français (Paris), Rennes Metropole and the cities of Rennes, Saint-Grégoire, and Vezin-le-Coquet  
**Open to all Assembly participants**



## 2019 STEFANSSON MEMORIAL LECTURE

**20:30-21:30, THURSDAY, OCTOBER 10TH**

**An Arctic without End: Visions for our Planet in an Age of the Anthropocene**  
**Location: Kaldalón, Harpa Ground Level**

**Delivered by:**  
**Dr. Michael Bravo, Scott Polar Research Institute, Cambridge University**

**ORGANIZED BY:**  
 The Stefansson Arctic Institute and the Dickey Center for International Understanding's Institute of Arctic Studies, Dartmouth College.  
 Supported by the Evelyn Stefansson Nef Endowment



# THURSDAY, OCTOBER 10 – SESSIONS 9:00 - 10:00

Sessions are organized by partners of the Arctic Circle: associations, institutions, governments, companies, organizations, think tanks, universities, or other bodies.



07:30-17:00

## REGISTRATION

**Location:** Harpa Conference Centre and Concert Hall



09:00 – 10:00

## THE NORTH AMERICAN ARCTIC: NEW TRENDS IN REGIONAL SECURITY

Organized by Polar Research and Policy Initiative (PRPI); University College; Trent University; Arctic Domain Awareness Center, University of Alaska

**Location:** Norðurljós, Harpa Second Level

### SPEAKERS

**Inuuteq Holm Olsen**, Minister Plenipotentiary and Head of Representation, Greenland Representation in Washington, DC

**Major-General Randy 'Church' Kee**, USAF (ret), Director, Arctic Domain Awareness Center, University of Alaska

**Mead Treadwell**, President, Treadwell Development; Former Lieutenant Governor of Alaska; Chairman, Arctic Circle Task Force on Shipping and Ports; Chair, U.S. Arctic Research Commission 2006-2010; Co-Chair, Polar Institute, Woodrow Wilson Center Polar Initiative

**Shaleen Woodward**, Deputy Secretary, Indigenous and Intergovernmental Affairs, Government of Northwest Territories, Canada

**Heather Nicol**, Director, Canadian Studies, Trent University

**Whitney Lackenbauer**, Canada Research Chair (Tier 1) in the Study of the Canadian North and Professor in the School for the Study of Canada, Trent University Canada

**Nick Wilson**, Royal Military College of Canada and Government of Canada

**Justin Barnes**, Canada Fellow, Polar Research and Policy Initiative, Canada

**Moderator:** Dwayne Ryan Menezes, Founder & Managing Director, Polar Research and Policy Initiative, UK



09:00 – 10:00

## THE EU AND THE POLITICS OF ARCTIC SECURITY AND MARINE SUSTAINABLE DEVELOPMENT

Organized by Konrad Adenauer Foundation, Nordic Countries Project

**Location:** Kaldalón, Harpa Ground Level

### SPEAKERS

**Benjamin Schaller**, PhD candidate/Research Fellow, Centre for Peace Studies, UiT – The Arctic University of Norway: The Perils and Prospects of an Active Role of the EU, NATO and the OSCE in Arctic Security

**Cécile Pelaudeix**, Associate Researcher, PACTE Sciences Po, France: EU Foreign POLICY AND HYBRID THREATS: Assessing Policy Challenges in the Arctic

**Andreas Raspotnik**, Senior Researcher, High North Center for Business and Governance, Nord University Business School: Arctic Blue Economy and the European Union



09:00 – 10:00

## GREENLAND'S EMERGING FOREIGN POLICY QUESTIONS

Organized by Centre for Arctic Studies, University of Iceland; Political Science, UiT the Arctic University of Norway

**Location:** Esja, Harpa Fifth Level

### SPEAKERS

**Rasmus Leander Nielsen**, Assistant Professor, Department of Social Science, Economics & Journalism Ilisimatusarfik (University of Greenland): Punching Above its (De Jure) Weight: The Evolution of Para-Diplomacy in Greenland from the Early 1970s to Today

**Mikkel Møller Schøler**, Political Advisor, Co-owner, Sikki Consultants, Greenland: Belle of the Ball – The Greenlandic Power Vacuum and Great Power Courting

**Mingming Shi**, Icelandic Times, University of Iceland: The Role of Extractive Industries in the Shaping of Greenland's Foreign Policy

**Marc Lanteigne**, Associate Professor, Political Science (China, East Asia, Polar Region), UiT – The Arctic University of Norway: A Cold Arena: The Widening of Greenland's Foreign Policy Space and Possible Responses

**Moderator:** Margrét Cela, Project Manager, Centre for Arctic Studies, University of Iceland



09:00 – 10:00

## ANALYSIS OF ARCTIC POLICIES, STRATEGIES AND PROGRAMS

Organized by Thematic Network on Geopolitics and Security, Arctic Futures Initiative, International Institute for Applied Systems Analysis (IIASA)

**Location:** Akrafjall, Harpa Fourth Level

### SPEAKERS

Trends in Arctic Policies and Strategies – The Arctic States

- **Karen Everett**, Postdoctoral Fellow, Université de Laval, Québec, Canada

- **Barbora Padrtova**, Assistant Professor, University of Masaryk, Czech Republic

Trends in Arctic Policies and Strategies – The Observers of the Arctic Council

- **Karen Everett**, Postdoctoral Fellow, Université de Laval, Québec, Canada

- **Barbora Padrtova**, Assistant Professor, University of Masaryk, Czech Republic

**Lassi Heininen**, Research Director, INAR at University of Helsinki: Indigenous Peoples Approach to Arctic Policies – The Permanent Participants of the Arctic Council

**Tero Vauraste**, CEO and President, Arctia Ltd., Finnish representative, House of Lapland Ambassador, Chairman, Finnish Arctic Society: Importance and Relevance of Arctic Politics and Strategies for Business



09:00 – 10:00

## DEVELOPING OIL AND GAS RESOURCES IN THE ARCTIC: TECHNICAL AND ECONOMIC CHALLENGES

Organized by the U.S. Department of Energy Office of Fossil Energy

**Location:** Skarðsheiði, Harpa Third Level

### SPEAKERS

**Shawn Bennett**, Deputy Assistant Secretary, Oil and Natural Gas, US Department of Energy

**Walter Guidroz**, Program Coordinator, Energy Resources Program, US Geological Survey

**Corri Feige**, Commissioner, Department of Natural Resources, Alaska

**John Guy**, Deputy Executive Director, National Petroleum Council: National Petroleum Council Arctic Research



10:00 – 10:15

## NETWORKING COFFEE BREAK





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# THURSDAY, OCTOBER 10 – SESSIONS 10:15 - 11:45

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10:15 – 11:45

## FROM THE SECOND ARCTIC SCIENCE MINISTERIAL TO THE THIRD ARCTIC SCIENCE MINISTERIAL

Organized by European Commission

**Location:** Norðurljós, Harpa Second Level

### SPEAKERS

**H.E. Lilja Alfreðsdóttir**, Minister for Education, Science and Culture, Iceland: Iceland and International Scientific Cooperation in the Arctic

**Volker Rieke**, Director General, Federal Ministry of Education and Research, Germany: The Second Arctic Science Ministerial 2018: Co-Operation in Arctic Science – Challenges and Joint Actions

**Patrik Child**, Deputy Director General, Directorate General for Research and Innovation, European Commission: One Year from the Second Arctic Science Ministerial: Follow-up Actions and Broad Implications

**Paavo-Petri Ahonen**, Senior Ministerial Adviser, Ministry of Education and Culture, Finland: ASM2 Coordination with the Arctic Council and the Engagement with the Arctic Indigenous Peoples' Organisations

**Toshihide Fukui**, Director, Ocean and Earth Division, Ministry of Education, Culture, Sports, Science and Technology (MEXT), Japan: The Third Arctic Science Ministerial in Japan



10:15 – 11:45

## INCREASING ENGAGEMENT BETWEEN THE GREENLAND AND U.S. RESEARCH COMMUNITIES – BRIDGING THE GAP

Organized by Greenland Ministry of Foreign Affairs, Nunatsinni Ilisimatusarnermik Siunnersuisoqatigiit (The Greenland Research Council), the U.S. National Science Foundation (NSF)

**Location:** Skarðsheiði, Harpa Third Level

### SPEAKERS

**Sten Lund**, International Research Coordinator, Greenland Ministry of Industry, Energy and Research: Greenland's Contribution to International Research

**Josephine Nymand**, PhD, Chair, Greenland Research Council; Head of Dept. Greenland Institute of Natural Resources: Greenland Challenges of Simultaneously Being Small and Big

**Jennifer Mercer**, PhD, Program Manager, Arctic Sciences & Arctic Research Support & Logistics, Office of Polar Programs, National Science Foundation: Envisioning a Future of Bi-lateral Collaboration Between the Greenland and US Research Communities

**Lauren E. Culler**, PhD, Research Assistant Professor of Environmental Studies, Science Outreach Coordinator, Institute of Arctic Studies, Dartmouth College: Building Successful Partnerships for Research and Education in Greenland

**Ellen Martin**, Professor, Department of Geological Sciences, University of Florida; Co-Director, Florida Climate Institute: Challenges and Benefits of Collaborations Between US and Greenlandic Researchers

**Ivalu Barlach Christensen**, Greenlandic Master's Student in Astrophysics, Lund University; Intern, Center for Astrophysics Harvard & Smithsonian/Greenland Telescope Project: From Myth to Science

**Natuk Lund Olsen**, PhD student, Ilisimatusarfik, University of Greenland

**Moderator: Rebecca Lynge**, First Secretary, Greenland Representation in Washington, DC



10:15 – 11:45

## EMERGING SAFETY THREATS WITHIN THE ARCTIC OCEAN – HOW ARE WE COPING?

Organized by SEDNA Project Consortium & ARCSAR – Arctic and North-Atlantic Emergency Preparedness Network

**Location:** Akrafjall, Harpa Level Four

### SPEAKERS

**Bent-Ove Jamtli**, Director of Joint Rescue and Coordination Centre Northern Norway (JRCC NN): ARCSAR Network Overview

**Ståle Jamtli**, Chief Operations at JRCC South-Norway: Viking Sky Rescue Case Study

**Giles Thomas**, Professor, University College London: SEDNA Project Overview

**Robert Lynch**, Principal Investigator, Head of Learning Development Research Group, Cork Institute of Technology; National Maritime College of Ireland: Safe Arctic Navigation

**Nicolas Fournier**, Science Manager, UK MET Office: Arctic Weather and Sea Ice Forecasting

**Moderator: Robert Lynch**, Principal Investigator, Head of Learning Development Research Group, Cork Institute of Technology; National Maritime College of Ireland



10:15 – 11:45

## NORDIC COUNCIL OF MINISTERS ARCTIC COOPERATION PROGRAM: ENHANCING SCIENTIFIC KNOWLEDGE IN THE ARCTIC

Organized by Nordic Council of Ministers, Nordregio, Ministry for Foreign Affairs of Iceland

**Location:** Ríma B, Harpa Ground Level

### SPEAKERS

**Ágúst Bogason**, Junior Research Fellow, Nordregio

**Paula Lehtomäki**, Secretary General, Nordic Council of Ministers

**H.E. Guðlaugur Þór Þórðarson**, Minister for Foreign Affairs, Iceland

**Anna Karlsdóttir**, Senior Research Fellow, Nordregio, Nordic Council of Ministers: The Contribution of the Arctic Cooperation Programme

**Dag Avango**, KTH Royal Institute of Technology, Sweden: Sustainable Communities and the Legacies of Mining in the Nordic Arctic

**Lassi Heininen**, Research Director, INAR at University of Helsinki: The Global Arctic Handbook: Positioning the Arctic within a Broad Global Context

**Tero Mustonen**, Professor, Department of Geographical and Historical Studies, University of Eastern Finland: Snow Change Cooperative – Exchanging knowledge: Community Based Monitoring and Exchanges of Indigenous-Local Knowledge on Early Detection of Changes and Cultural Responses to Environmental and Climate Change

**Soffía Guðmundsdóttir**, Executive Secretary, Protection of Arctic Marine Environment (PAME)

**Inspiring Arctic Voices through Youth: Arctic Biodiversity Youth Summit**

- **Kári Fannar Lárusson**, Programme Manager, Conservation of Arctic Flora and Fauna (CAFF) Working Group of the Arctic Council

- **Pétur Halldórsson**, Chair, Icelandic Youth Environmentalist Association (Ungir umhverfissinnar)

- **Tasha Elizarde**, Vice-Chair, Arctic Youth Network

**Summary and Q&A**

- **Ágúst Bogason**, Reseach Fellow, Nordregio

- **Vaida Ražaitytė**, Nordregio



10:15 – 11:45

## STORIES ABOUT THE ARCTIC: NARRATING THE CIRCUMPOLAR NORTH

Organized by The Arctic Institute and Scott Polar Research Institute

**Location:** Háaloft, Harpa Eighth Level

### SPEAKERS

**Victoria Hermann**, American University; President and Managing Director, The Arctic Institute

**Michael Bravo**, Acting Director, Scott Polar Research Institute, Cambridge University

**Mia Bennett**, Assitant Professor, Geography Department and School of Modern Languages & Cultures (China Studies Programme), University of Hong Kong

**Greg Sharp**, PhD candidate, University of British Columbia, Editor-in-Chief, The Arctic Institute

**Val Muzik**, PhD student, University of British Columbia, Research Associate, The Arctic Institute

**Moderator: Lillian Hussong**, PhD candidate, Rutgers University; Research Intern, The Arctic Institute



# THURSDAY, OCTOBER 10 – SESSIONS 10:15 - 11:45

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10:15 – 11:45

## BUILDING STRENGTH-BASED YOUTH MOMENTUM IN THE ARCTIC – TRAUMA-INFORMED PROJECTS AND PRACTICES

Organized by University of Akureyri, Iceland with support from the U.S. Embassy in Iceland

**Location:** Esja, Harpa Fifth Level

### SPEAKERS

**Eydis Kristín Sveinbjarnardóttir**, *Dean and Associate Professor, School of Health Sciences, University of Akureyri, Iceland:*

Introduction to the Session and Reflection on Three Important Concepts in Strength Based Care: Containment, Reciprocity and Behavioural Management

**Rhonda M. Johnson**, *Professor, University of Alaska Anchorage; Fulbright NSF Arctic Professor, University of Akureyri, Iceland: Innovative Alaskan Approaches to Promoting Youth Well-Being and Resilience*

**Sigrún Sigurðardóttir**, *Associate Professor, Graduate Program, School of Health Sciences, University of Akureyri, Iceland:*

The Establishment of Bergið Headspace and How Trauma-Informed Care Can Positively Affect Youth Well-Being and Health in Iceland

### The Yellow Tulip Project

- **Suzanne Fox**, *Executive Director, The Yellow Tulip Project, The University of New England, School of Social Work*
- **Julia Hansen**, *Founder, The Yellow Tulip Project*

**Þorbjörg Helga Vigfúsdóttir**, *Founder and CEO, Kara Connect, Reykjavík, Iceland: Can Digital Tools Build the Village to Raise a Child?*

**Sigríður Halldórsdóttir**, *Professor, University of Akureyri, Iceland: Help Seeking, Healing and Post-traumatic Growth*

- **Co-Authors:** Hulda Sædis Bryngeirsdóttir, *PhD student and Karen Birna Þorvaldsdóttir, PhD student*

**Moderator:** **Eydis Kristín Sveinbjarnardóttir**, *Dean and Associate Professor, School of Health Sciences, University of Akureyri,*



10:15 – 11:45

## PRESERVING THE BIODIVERSITY – EXPLORING NEW CONSERVATION PLANNING MODELS

Organized by the Government of Québec (Société du Plan Nord, Ministère des Relations internationales et de la Francophonie) and Institut Nordique du Québec

**Location:** Ríma A, Harpa Ground Level

### SPEAKERS

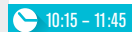
**Jean Lemire**, *Envoy for Climate Change and Northern and Arctic Affairs, Government of Québec, Canada*

**Brandon Laforest**, *Senior Specialist, Arctic Species and Ecosystem, WWF-Canada*

**Jason Allaire**, *Director, Shared Services Nunavut, Agnico Eagle*

**Jean-Philippe L. Messier**, *Founder & General, UNESCO Biosphere Reserve of Manicouagan-Uapishka, Québec*

**Moderator:** **Robert Sauvé**, *former CEO, Société du Plan Nord*



10:15 – 11:45

## SAINT PETERSBURG AS A CENTER OF ARCTIC COMPETENCES: INTERNATIONAL COOPERATION AS A DRIVER OF REGIONAL DEVELOPMENT

Organized by Committee for External Relations of Saint Petersburg, Government of Saint Petersburg, Russia

**Location:** Kaldalón, Harpa Ground Level

### SPEAKERS

**German Shirokov**, *Chairman, St. Petersburg Committee for Arctic Affairs, Government of the City of St. Petersburg: The role of St. Petersburg as a center of Arctic competences*

**Andrey Kashin**, *Head of the Department of infrastructural technologies and integrated systems development, Committee on IT and Communications: St. Petersburg Best Digital Practices for Arctic Region*

**Sergey Tsybukov**, *member of the Council for Professional Expertise and Nanotech Industry; Chairman of the Supervisory Board, St. Petersburg State Autonomous Institution "Saint Petersburg Employment Agency": Staffing Delivery Models for projects implementation in the Arctic Region*

**Yan Tsybukov**, *Clinic of Applied Research of St. Petersburg State University: How soft skills effects on interaction between engineering team members*

**Tero Vauraste**, *Finnish representative, House of Lapland Ambassador, Chairman, Finnish Arctic Society: Finnish innovations for Arctic, nowadays and prospects for international business cooperation*

**Liv Monica Stubholt**, *Partner Law Firm Selmer and Chairman NRCC: Arctic ocean and ocean industries- how responsible businesses bring sustainability into industry collaboration and lateral networks*

**Denis Moskalenko**, *Department of European Cooperation, the Ministry of Foreign Affairs of the Russian Federation: Financial instruments for cooperation in the Arctic*

**Igor Kuprienko**, *Head of Center for Project Development and Fundraising ITMO: Good practices and prospects of ITMO participation in Arctic Agenda based on Kolarctic CBC experience*

**Oksana Poletimova**, *Director of the International Arctic Forum: 6th International Arctic Forum The Arctic: Territory of Dialogue*

**Moderator:** **Anton Vasiliev**, *Ambassador Extraordinary and Plenipotentiary of the Russian Federation to the Republic of Iceland*



10:15 – 11:45

## NORTHERN SEA ROUTES: ECONOMIC OPPORTUNITY FOR INDIGENOUS REINDEER HERDING SOCIETIES FOR SUSTAINABLE DEVELOPMENT

Organized by UArctic EÁLAT Institute and Centre for High North Logistics

**Location:** Hafnarkot, Harpa Ground Level

### SPEAKERS

**Felix Tschudi**, *Owner, Tschudi Group, Chair, Centre for High North Logistics: Northern Sea Routes as an Economic Opportunity for Indigenous Reindeer Herding Societies for Sustainable Development*

**Anders Oskal**, *Secretary General, Association of World Reindeer Herders: Reindeer Herders and Food Innovation Leadership*

**H.E. Mikhail Pogodaev**, *Vice Minister, Ministry for Arctic Development and Indigenous Peoples Affairs of Sakha Republic: Northern Sea Route - A Perspective from Republic of Sakha Yakutia*

**Erlend Bullvåg**, *Dean, Nord University Business School: Importance of Innovation in the Development of the Arctic*

**Ravdna B.E. Sara:**  
*Reindeer Meat Quality*

**Kia K Hanssen**, *UiT – The Arctic University of Norway: Traditional Knowledge and Smoking of Reindeer Meat*



11:45 – 12:30

## NETWORKING LUNCH

**OPEN TO ALL ASSEMBLY PARTICIPANTS**  
Hosted by Brim

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## EAT YOUR PLATE!

**For the first time in Iceland - 100% edible plates**

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## LUNCH

11:45-12:30, THURSDAY, OCTOBER 10TH

**Hosted by Brim**

**Open to All Assembly Participants**





## MEETING SPACES

**Meeting spaces are available in  
Harpa Conference Centre**

Meeting booths are located in Flói on the ground floor and  
have room for 8-10 people

Book your meeting space here:  
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SPEAKER  
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# THURSDAY, OCTOBER 10 – PLENARY SESSIONS 12:30 - 17:00

Location: Silfurberg, Harpa Second Level

## 12:30 – 15:00 OPENING SESSION

### I.WELCOME

H.E. Ólafur Ragnar Grímsson, *Chairman Arctic Circle; President of Iceland 1996-2016*

### II.ADDRESSES – DIALOGUE

H.E. Katrín Jakobsdóttir, *Prime Minister of Iceland*

H.E. Antti Rinne, *Prime Minister of Finland*  
Questions and answers

### III.SPEECH

H.R.H. Victoria, *Crown Princess of Sweden*

### IV.SPEECH – DIALOGUE

H.E. Kim Kielsen, *Premier of Greenland*  
Questions and answers

### V.KEYNOTE – THE UNITED STATES ARCTIC ENERGY VISION

H.E. Rick Perry, *Secretary of Energy, United States of America*  
Questions and answers

### VI.SPEECH – DIALOGUE: RUSSIA'S PRIMARY ENERGY REGION

H.E. Dmitry Artyukhov, *Governor of Yamalo-Nenets Autonomous Okrug*  
Questions and answers

## 15:00 – 15:15 COFFEE BREAK

## VII. SPEECH: THE NEW GOVERNMENT OF THE FAROE ISLANDS

H.E. Jenis av Rana, *Minister of Foreign Affairs and Education, Faroe Islands*

## VIII.SPEECH: A VISION OF FRANCE

H.E. Ségolène Royal, *Ambassador for the Arctic and Antarctic Poles; former Minister of the Environment, Republic of France*

## IX.SPEECH: SINGAPORE AND THE ARCTIC

H.E. Sam Tan Chin Siong, *Minister of State, Ministry of Foreign Affairs and Ministry of Social and Family Development, Singapore*

## X.SPEECHES

Dalee Sambo Dorough, *Chair of the Inuit Circumpolar Council*

H.E. Paula Lehtomäki, *Secretary General, Nordic Council of Ministers*

## 15:15 – 15:40 ASIA AND THE ARCTIC

### SPEAKERS

H.E. Gao Feng, *Special Representative for Arctic Affairs, Ministry of Foreign Affairs of the People's Republic of China*

H.E. Kwon Sei-Joong, *Ambassador for Arctic Affairs, Republic of Korea*

### CHAIR

Dagfinnur Sveinbjörnsson, *CEO, Arctic Circle*

## 15:40 – 16:20 GREENLAND: "OPEN FOR BUSINESS"

Organized in cooperation with the Government of Greenland

### SPEAKERS

H.E. Ane Lone Bagger, *Minister of Education, Culture, Church and Foreign Affairs, Government of Greenland*

Verner Hammeken, *CEO, Royal Arctic line*

Karsten Høy, *CEO, Greenland Holding*

Questions and answers

### CHAIR

Inga Dóra Markussen, *Head of Education and Training, Royal Greenland*

## 16:20 – 16:40 UNITED STATES ARCTIC SCIENCE LEADERSHIP: A DIALOGUE WITH THE DIRECTOR OF THE NATIONAL SCIENCE FOUNDATION (USA)INTRODUCTION

H.E. Jeffrey Ross Gunter, *Ambassador of the United States of America to Iceland*

### KEYNOTE SPEECH

Dr. France A. Córdova, *Director of the National Science Foundation*

Questions and answers

### CHAIR

Dr. Larry Hinzman, *President, International Arctic Science Committee; Vice Chancellor for Research, University of Alaska Fairbanks*

## 16:40 – 17:00 ANNOUNCING THE THIRD ARCTIC SCIENCE MINISTERIAL MEETING

CO-HOSTED BY ICELAND AND JAPAN:  
TOKYO, NOVEMBER 2020

### SPEECHES

H.E. Lilja Dögg Alfreðsdóttir, *Minister of Education, Science and Culture, Iceland*

H.E. Mari Miyoshi, *Ambassador in charge of Arctic affairs, Ministry of Foreign Affairs of Japan*

## 17:00-17:15 COFFEE BREAK

Electric ships in the Arctic  
Presentation by Agnes Árnadóttir, CEO  
Brim Explorer

Location: Outside Silfurberg, Harpa Second Level



# THURSDAY, OCTOBER 10 – SESSIONS 17:15 - 18:15

Sessions are organized by partners of the Arctic Circle: associations, institutions, governments, companies, organizations, think tanks, universities, or other bodies.

## 17:15 – 18:15 GREENLAND MOVING TOWARDS INDEPENDENCE: POLITICAL AND GLOBAL SECURITY POLICY CHALLENGES

Organized by Inatsisartut, Parliament of Greenland

**Location:** Norðurljós, Harpa Second Level

**Aleqa Hammond**, *Chairman of the Foreign and Security Policy Committee of the Greenlandic Parliament*

**Mimi Karlsen**, *Vice Chairman of the Foreign and Security Policy Committee of the Greenlandic Parliament*

## 17:15 – 18:15 INUIT LANGUAGE AND CULTURE: NOTHING ABOUT US, WITHOUT US

Organized by Inuit Circumpolar Council (ICC) and Arktika Company LLC

**Location:** Silfurberg A, Harpa Second Level

### SPEAKERS

**Edna Ahgeak MacLean**, *PhD, Iñupiaq Language Researcher/Consultant, North Slope Borough Iñupiaq History, Language, and Culture Commission, Current Member: Overview and Current Status of the Iñupiaq Language of Northern Alaska*

**Kattie Egede Motzfeldt**, *School Leader, Nuussuup Atuarfia, Sermersooq Municipality, Greenland: Language of Instruction That Reflect Our Values, Culture and Languages*

**Hugh Patkotak Sr.**, *Chief Executive Officer, Olgoonik Corporation: Listening to our Elders: Iñupiaq Wisdom in Corporate Leadership*

**Aluki Kotierk**, *President, Nunavut Tunngavik Incorporated: Inukitut – A Human Right*

**Vera Metcalf**, *Executive Director, Eskimo Walrus Commission and ICC Executive Council Member Alaska*

## 17:15 – 18:15 INDIA'S SCIENTIFIC ENDEAVORS IN THE ARCTIC: THE PAST DECADE AND FUTURE PERSPECTIVES

Organized by the Ministry of Earth Sciences National Centre for Polar and Ocean Research, Government of India

**Location:** Rima B, Harpa Ground Level

### SPEAKERS

**K.P.Krishnan**, *Group Director (Arctic Operations), National Centre for Polar and Ocean Research, India: Indian Arctic Program: The Past Decade and Future Perspectives*

**Thamban Meloth**, *Group Director (Polar Sciences), National Centre for Polar and Ocean Research:*

*Cryospheric Changes in Svalbard and Himalaya – Indian Perspectives*

**M.Arul Muthiah**, *Scientist-E, National Institute of Ocean Technology, India: Indian Moored Observatory in the Arctic for Long-Term in Situ Data Collection*

**A.A. Mohamed Hatha**, *Professor, Cochin University of Science and Technology, India: Changes in the microbial diversity in the Arctic environment*

## 17:15 – 18:15 GOVERNING EMERGING CLIMATE TECHNOLOGIES IN THE ARCTIC

Organized by Carnegie Climate Governance Initiative (C2G), as affiliated with the Carnegie Council for Ethics in International Affairs

**Location:** Kaldalón, Harpa Ground Level

### SPEAKERS

**Sir David King**, *Affiliate Partner, SYSTEMIQ Limited; Senior Strategy Adviser to the President of Rwanda; Former UK Special Envoy for Climate Change*

**Jason Box**, *Professor in Glaciology, The Geologic Survey of Denmark and Greenland*

**Shawna Larson**, *Regional Director of Native Movement, Anchorage, Alaska*

**Pétur Halldórsson**, *Chair, Icelandic Youth Environmentalist Association*

**Moderator: Cynthia Scharf**, *Senior Strategy Director, Carnegie Climate Governance Initiative (C2G)*

## 17:15 – 18:15 CROSSROADS: ACTION NOW – ARCTIC ECONOMY SUSTAINABLY ADD VALUE OR FALL BEHIND

Organized by UiT – The Arctic University of Norway; Maine North Atlantic Institute, University of Southern Maine; Reykjavik University; New England Ocean Cluster; Memorial University; University of Iceland

**Location:** Akrafjall, Harpa Fourth Level

### SPEAKERS

**Glenn Cummings**, *PhD, President, University of Southern Maine, US:*

**Regulations in the Arctic: A Barrier or a Necessity for Sustainable Development?**

**Patrick Arnold**, *CEO, New England Ocean Cluster: Engaging Corporate CEOs with Universities: Bridging the Gap Between Academic Knowledge and Private Sector Practices*

**Sheila Downer**, *Strategic Northern Liaison, Office of Public Engagement, Memorial University; Vice President, Finance, Development and Engagement, UArctic: The Sustainable Northern and Coastal Communities Initiative; Engaging Students, Faculty, Public and Private Sector Entities into Sustainable Economic Models*

**Lára Jóhannsdóttir** *PhD, Professor, University of Iceland, Fulbright Arctic Initiative Scholar: Risky business: The Importance of Taking Scales of Risks into Account in an Arctic Economic Context*

**Rasmus Gjeddsø Bertelsen**, *Professor and Barents chair, UiT – The Arctic University of Norway: Human Capital and Natural Resources for Sustainable Development in the Arctic*

**Davíð Thomas**, *R&D and Quality Manager, Codland: Arctic Economy – the Business Perspective*

**Moderator: Ari Kristinn Jónsson**, *PhD, Rector, Reykjavik University*

## 17:15 – 18:15 NEAR-FUTURE CHANGES IN THE NORTH ATLANTIC ARCTIC

Organized by Bjerknes Centre for Climate Research, Bergen, Norway

**Location:** Sæbjörg ICE-SAR Training Vessel – see map

### SPEAKERS

**Martin Miles**, *PhD Research Scientist, NORCE Norwegian Research Center and Bjerknes Centre for Climate Research, Bergen, Norway: Climate, Sea Ice and The Marine Environment*

**Yajie Liu**, *Associate Professor, UiT The Arctic University of Norway; Senior Scientist, Centre for Economic Research, Norwegian University of Science and Technology (NTNU): The Melting Snowball Effect: How The Warming Climate has Cascading Effects on Ecosystem Services and International Governance Regimes*

**Joan Nymand Larsen**, *Professor, University of Akureyri and Stefansson Arctic Institute: Socio-Economic and Policy Implications for Coastal Communities*

## 17:15 – 18:15 THE FINNAFJORD PORT PROJECT: NEW OPPORTUNITIES FOR SUSTAINABLE DEVELOPMENT IN THE ARCTIC

Organized by EFLA Consulting Engineers & bremenports GmbH & Co. KG

**Location:** Björtuloft, Harpa Fifth Level

### SPEAKERS

**Hafsteinn Helgasson**, *Director, EFLA Consulting Engineers: Green is a Necessity – Opportunities for Greenfield Projects in the Arctic*

**Robert Howe**, *Managing Director, bremenports GmbH & Co. KG: Greenports as Green Gateways for Green Shipping*

**Capt. (N) Auðunn F. Kristinsson**, *Deputy Chief of Operation and Director of ICG maritime Operation, ICG Maritime Operation: Maritime Traffic and Safety*

**Eliás Pétursson**, *Director of the Local Council, Municipality of Langanesbyggð: Reverse the Course – Strengthening Employment Diversity with New Industries*

**Moderator: Lars Stemmler**, *Director of International Projects, bremenports GmbH & Co. KG*

# THURSDAY, OCTOBER 10 – SESSIONS 17:15 - 18:15

Sessions are organized by partners of the Arctic Circle: associations, institutions, governments, companies, organizations, think tanks, universities, or other bodies.

## 17:15 – 18:15 RESEARCH, SOCIETAL NEEDS AND POLICY FOR INNOVATIVE TECHNOLOGY AND INSTRUMENTATION IN THE ARCTIC

Organized by Polar Research Institute of China (PRIC), Committee on Iceland and the Fourth Industrial Revolution, Prime Minister's Office of Iceland, the Administrative Center for China's Agenda 21 (ACCA21), MOST of China, and Sustaining Arctic Observing Networks (SAON)

**Location:** Esja, Harpa Fifth Level

### SPEAKERS

**Sun Hong**, Chief Engineer of the Administrative Center for China's Agenda 21:  
*Strengthening S&T Innovation and Deepening Polar Research*

**Huginn Þorsteinsson**, Chair, Committee on Iceland and the Fourth Industrial Revolution: What to Expect from the Fourth Industrial Revolution? Technological Advancement and Disruption

**Huigen Yang**, Director General, Polar Research Institute of China (PRIC): A Practice in Developing Novel Technologies and Instrumentation for Polar Science Frontiers Exploration

**Þorsteinn Gunnarsson**, Senior Adviser, The Icelandic Centre for Research (RANNÍS), Chair, Sustaining Arctic Observing Networks (SAON): Designing a Pan-Arctic Observing System for Sustainable Development in the Arctic

## 17:15 – 18:15 RENEWABLE ENERGY FOR THE ARCTIC: NEW PERSPECTIVES

Organized by Anvivo Polar Research (Anvivo.org)

**Location:** Expo Pavilion, Harpa Level K2 – see map

### SPEAKERS

**A Low Carbon Arctic Energy System? Challenges, Opportunities and Trends**

• **Gisele M. Arruda**, Professor, Principal Researcher Circumpolar Studies, Energy Arctic and Climate Change, Anvivo.org, Coventry University London

• **Tom Marsik**, Associate Professor of Sustainable Energy, University of Alaska Fairbanks, College of Rural and Community Development, Bristol Bay Campus

• **Nathan Wiltse**, Policy Program Manager, Primary Economist, Cold Climate Housing Research Center, Fairbanks, Alaska

### Renewable Energy for the Arctic: New Perspectives

• **Gisele M. Arruda**, Principal Researcher Circumpolar Studies, Energy Arctic and Climate Change, Anvivo.org, Coventry University London

• **Julianna Hogenson**, Environmental Scientist, Tetra Tech Canada Inc.

**Julianna Hogenson**, Environmental Scientist, Tetra Tech Canada Inc.: Geothermal Energy Development in the Arctic

**Enzo A. J. Diependaal**, Arctic Energy Systems Engineer, Segon B.V.: Modelling of Longyearbyen's Energy System Towards 2050

**Gisele M. Arruda**, Principal Researcher Circumpolar Studies, Energy Arctic and Climate Change, Anvivo.org, Coventry University London:  
*Towards a Sustainable Energy System through Smart Grids in the Arctic and Arctic Resource Development – A Sustainable Prosperity Project of Co-Management*

**Sarah Sternbergh**, Professional Engineer, Government of Yukon: Energy and Arctic Investment

**Nic Craig**, Fellow, Energy and Climate Change, Polar Research and Policy Initiative: The Case for Increased UK - Nordic Electricity Interconnection and the Implications of Brexit

## 17:15 – 18:15 SEEKING A STRATEGIC PLAN FOR THE ARCTIC COUNCIL

Organized by the Wilson Center and Harvard's Belfer Center

**Location:** Ríma A, Harpa Ground Level

### SPEAKERS

**Ambassador David Balton**, former Deputy Assistant Secretary of Oceans and Fisheries, Department of State; Fellow, the Wilson Center: Some Recommendations for Creating an Arctic Council Strategic Plan

**Magnus Johannesson**, former Director of the Arctic Council Secretariat

**Heather Exner-Pirot**, Managing Editor, University of Saskatchewan & The Arctic Yearbook

**Ambassador Bård Ivar Svendsen**, Senior Arctic Official, Ministry of Foreign Affairs, Norway

**Moderator:** Fran Ulmer, Chair, United States Arctic Research Commission

## 17:15 – 18:15 PUBLIC HEALTH AMONG INDIGENOUS PEOPLES OF GREENLAND AND SÁPMI

Organized by Centre for Public Health in Greenland, National Institute of Health, University of Southern Denmark

**Location:** Hafnarkot, Harpa Ground Level

### SPEAKERS

**Youth Perspectives on Well-Being Among Inuit Youth from Greenland**

• **Christina Viskum Lytken Larsen**, Senior Researcher, National Institute of Public Health, University of Southern Denmark & University of Greenland

• **Ivalu Katajavaara Sørensen**, Scientific Assistant, National Institute of Public Health, University of Southern Denmark & University of Greenland

**Ann Ragnhild Broderstad**, Research Professor, Centre for Sami Health Research, UiT the Arctic University of Norway: Health Among the Sami in Northern Norway Based on the SAMINOR Study

**Peter Bjerregaard**, Professor, National Institute of Public Health, University of Southern Denmark and University of Greenland: Social Transition and Health Among the Inuit in Greenland

**Per Axelsson**, Associate Professor, Umeå University, Sweden: Planning for Haldi – A Survey of Health and Living Conditions in Sápmi, Sweden

## 17:15 – 18:15 ARCTIC ARCHITECTURE FOR THE PRESENT, WITH AN AWARENESS OF THE PAST FOR AN UNKNOWN FUTURE

Organized by The Royal Danish Embassy in Iceland, Representation of Greenland in Iceland and The Royal Danish Academy of Fine Arts (KADK)

**Location:** Skarðsheiði, Harpa Third Level

### SPEAKERS

**David Garcia**, Associate Professor, The Royal Danish Academy of Fine Arts' School of Architecture (KADK): Challenges and opportunities for architecture in the Arctic. What is it, how can it be Developed and how do we Teach it?

**Martin Kotol**, Assistant Professor, Technical University of Denmark: Sustainable Arctic Buildings for Better Health and Energy Efficiency

**Peter Oluf Meyer**, building consultant and owner at POMEYER Building Consult in Nuuk, Greenland: The Evolution of the Greenlandic Building Industry from a Personal Perspective

**Bilo Høegh Stigsen**, Head of Urban Planning at Sermersooq Municipality, Greenland: Development of Nuuk: How to Create a Sustainable Arctic Capital

**Thomas Winkler**, Senior Arctic Official of the Kingdom of Denmark: Social and Business Development in the Arctic and the Role of Business Finance

**Moderator:** Andreas Nøhr Vestergaard, Deputy Head of Mission at the Royal Danish Embassy in Iceland

## 17:15 – 18:15 ARCTIC GEO-ECONOMICS: DEVELOPMENT & GOVERNANCE

Organized by Thematic Network on Geopolitics and Security and The Arctic Yearbook

**Location:** Háaloft, Harpa Eighth Level

### SPEAKERS

**Heather Exner-Pirot**, L'observatoire de la politique et la sécurité de l'Arctique (OPSA), CIRRIQ: The Arctic Economic Development Paradigm and its Failures

**Mário Rodrigues Pontes**, Universidade de Lisboa, Institute of Social and Political Sciences, Centre for Public Administration and Public Policies-FCT: The Growing Importance of Geo-Economics in the Security of the Arctic Region

**Heather Nicol**, Director, Canadian Studies, Trent University: Relevance of Security Aspect in Regional Development

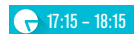
**Ilya Stepanov**, Higher School of Economics, Russia: Russian Arctic and Far East Policy: Potential for Conjunction of Northern and Eastern Regions' Development

**Sandra Maria Rodrigues Balão**, Associate Professor, Universidade de Lisboa, ISCSP, Centre for Public Administration and Public Policies-FCT

**Moderator:** Lassi Heininen, Research Director, INAR at University of Helsinki



# THURSDAY, OCTOBER 10 – SESSIONS 17:15 - 18:15



17:15 – 18:15

## LANGUAGE, MOBILITY, AND CHANGE – NORTHERN RESEARCH FORUM EARLY CAREER SESSION

Organized by The Northern Research Forum (NRF) at the University of Akureyri & Rannís (Icelandic Centre for Research), with Support from the US Embassy in Iceland

**Location:** Flói, Harpa Ground Level

### SPEAKERS

**Lara Hoffmann**, PhD candidate in Social Studies, University of Akureyri:

*Icelandic Language Learning Amongst Immigrants in Iceland*

**Jessica Kantarovich**, PhD candidate in Linguistics, University of Chicago:

*The Effects of Language Shift and Social Change on Chukchi Narrative and Morphosyntax*

**Hilary McMahan**, PhD candidate, Linguistics, University of Chicago:

*Language and Environment in a Changing Arctic: A Case Study of Language Contact and Cultural Shift in Greenland*

**Moderator:** Pamela Innes, Associate Professor, University of Wyoming



17:15 – 18:15

## ENTREPRENEURSHIP AND INNOVATIONS IN THE ARCTIC: REGIONAL COOPERATION

Organized by the Northern Forum

**Location:** Ministry of Industry and Innovations - see map

### SPEAKERS

**Alexander Tsybulskiy**, Governor, Nenets Autonomous Okrug, Russian Federation; Chair, Northern Forum

**Mika Riipi**, Governor of Lapland, Finland

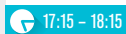
**Nikolai Korchunov**, Ambassador at Large Ministry of Foreign Affairs; Senior Arctic Official, Russian Federation

**Aleksander Pilyasov**, General Director, Institute of Regional Consulting

**Lassi Heininen**, Research Director, INAR at University of Helsinki

**Halldór Jóhannson**, Executive Director, Arctic Portal, Iceland

**Timo Rautajoki**, President and CEO, Lapland Chamber of Commerce, Finland



17:15 – 18:15

## ARCTIC SECURITY – A GLOBAL CHALLENGE?

Organized by the University of Southern Denmark and Loughborough University

**Location:** Þór Icelandic Coast Guard Vessel – see map

**Caroline Kennedy-Pipe**, Professor, Loughborough University

**James Rogers**, University of Southern Denmark and Yale University

**Patrick Ratier**, Attaché de défense, Embassy of France in Iceland

**Devin Stewart**, Senior Fellow, Eurasia Group Foundation, Carnegie Council



## ELECTRIC SHIP IN THE ARCTIC

ICELANDIC - NORWEGIAN INITIATIVE

**Launched in Tromsø this October;  
sailing in Svalbard next summer**

**Learn more in the coffee break outside Eyri,  
Harpa Second Floor**

**Thursday, October 10th 17:00 - 17:15**

Presentation: Agnes Árnadóttir,  
CEO Brim Explorer

**Towards a CO<sub>2</sub>-free Arctic!**



Brim Explorer



# ARCTIC INNOVATIONS

**Exhibition**

**Opening: 15:15, Thursday, October 10th**

**Location: Harpa Corner, 3rd Floor**

For the past five years, the Master in Architecture program “ARCHITECTURE AND EXTREME ENVIRONMENTS” has engaged with innovation strategies to inform future practitioners of alternative and sustainable solutions about the building industry.

Through a site-specific approach, it aims to respond to present and future global challenges through research by design, fine-tuned site-specific strategies and active expeditions to remote world locations where 1:1 architectural prototypes are tested.

The exhibition presents project from fieldwork in Iceland, Greenland, Svalbard and Alaska.

## ORGANIZED BY:

Embassy of Denmark, Reykjavik



**EMBASSY  
OF DENMARK**  
Reykjavik



The Royal Danish Academy of Fine Arts,  
Schools of Architecture, Design and Conservation



# ICEBERG!

**Sermersooq – Great Vastness of Ice**

**Touch the ice! Walk among the ice!**

**Use photos as a message!**

**EXHIBITION**

**Location: Outside Harpa Main Entrance**

Sermersooq Municipality is the largest municipality in the world. The Greenlandic Icecap – a great vastness of ice, divides the municipality’s towns and settlements on the west coast from the east coast.

Nature has played an important role in shaping the way of life in Greenland.

Sermersooq Municipality would like to celebrate nature, by offering you the chance to walk among the icebergs!

## ORGANIZED BY:

Sermersooq Municipality

KOMMUNEQARFIK SERMERSOOQ,

GREENLAND



# THURSDAY, OCTOBER 10 – SESSIONS 18:30 - 19:30

Sessions are organized by partners of the Arctic Circle: associations, institutions, governments, companies, organizations, think tanks, universities, or other bodies.



18:30 – 19:30

## CHANGES OF GLACIERS AND THEIR FOREFIELDS ON SVALBARD: ENVIRONMENTAL CONSEQUENCES IN THE HIGH ARCTIC

Organized by Polish Polar Consortium, Poland & Nicolaus Copernicus University in Toruń, Polar Research Center, Poland

**Location:** Expo Pavilion, Harpa Level K2 – see map

### SPEAKERS

Changes of Kaffiøyra Region Glaciers and their Forefields, Svalbard – 20 Years of Research

- **Ireneusz Sobota**, Vice-President of Polish Polar Consortium, Professor, Nicolaus Copernicus University in Toruń, Faculty of Earth Sciences, Polar Research Center, Toruń, Poland
- **Piotr Weckwerth**, Professor, Nicolaus Copernicus University in Toruń, Faculty of Earth Sciences, Polar Research Center, Toruń, Poland

**Wiesław Ziaja**, Professor, Jagiellonian University, Institute of Geography and Spatial Management, Krakow, Poland:  
*New Landscape of Areas Abandoned by Glaciers in SE Spitsbergen after 1900*

Detecting Geomorphological Change in High Resolution: Applying UAV and Structure-from-Motion Technology to the Aavatsmarkbreen Forefield, Spitsbergen

- **Joe Gendall**, MSc, Freie Universität Berlin, Germany
- **Piotr Weckwerth**, Professor, Nicolaus Copernicus University in Toruń; Faculty of Earth Sciences, Polar Research Center, Toruń, Poland
- **Ireneusz Sobota**, Vice-President of Polish Polar Consortium; Professor, Nicolaus Copernicus University in Toruń, Faculty of Earth Sciences, Polar Research Center, Toruń, Poland

**Vegetation Succession and Soil Development in Forelands of Svalbard Glaciers**

- **Paulina Wietrzyk-Pelka**, MSc, Professor Z. Czeppe Department of Polar Research and Documentation, Institute of Botany, Faculty of Biology, Jagiellonian University
- **Michał Węgrzyn**, PhD Jagiellonian University, Professor Z. Czeppe Department of Polar Research and Documentation, Institute of Botany, Krakow, Poland

**Marek Kasprzak**, Assistant Professor, University of Wrocław, Poland:  
*Impact of Liquid Water on Permafrost in Coastal, Paraglacial Environment: Geophysical and Geomorphological Approach*

**Award lottery with Polar Gifts**

**Moderator:** **Ireneusz Sobota**, Vice-President of Polish Polar Consortium, Professor, Nicolaus Copernicus University in Toruń, Faculty of Earth Sciences, Polar Research Center, Toruń, Poland



18:30 – 19:30

## COMMUNICATIONS IN THE ARCTIC

Organized by The MITRE Corp, University of Alaska Fairbanks Geophysical Institute and Rensselaer Polytechnical Institute

**Location:** Þór Icelandic Coast Guard Vessel – see map

### SPEAKERS

**Bob McCoy**, Director Geophysical Institute, University of Alaska:  
*A Natural Laboratory to Study the Ionosphere and Ways to Mitigate Ionospheric Effects*

**Shelley A Johnson**, Chief Engineer and Arctic Experimentation Lead, The MITRE Corporation: *The Challenges of Arctic Communications; Leveraging Innovation and Experimentation*

**Jennifer Forsyth**, Group Leader for Waveform Design and Analysis, The MITRE Corporation: *High Frequency Communications in the Arctic: Challenges & Opportunities*

**Eric Robinson**, Senior Antenna & Electromagnetics Engineer, The MITRE Corporation: *Design, Modelling, and Prototyping Antennas for Arctic Geosynchronous SATCOM*

**Thomas Sharkey**, Associate Professor, Rensselaer Polytechnic Institute:  
*The Role of Communications in Emergency Response in the Arctic and the Benefits it Brings Remote Arctic Communities*



18:30 – 19:30

## SUPPORTING INUIT YOUTH AND CHILDREN

Organized by Inuit Circumpolar Council (ICC) and ArKtiKa Company LLC

**Location:** Silfurberg A, Harpa Second Level

### SPEAKERS

**Sara Olsvig**, Head of Programme, UNICEF Denmark

**Valerie Nurr'araaluk Davidson (Yup'ik)**, Former Lieutenant Governor of Alaska: *Reclaiming Resilience through Culture*

**Aviája Egede Lynge**, National Children's Rights Spokesperson, MIO (National Child Rights Institution of Greenland):  
*The Face of Reality: The Needs of Inuit Youth and Children and What Support They Need*

**Pangaanga Pangawyi**, Wellness Program Director, Kawerak, Inc.:  
*Holding Space: Multigenerational Healing and Community Empowerment*



18:30 – 19:30

## A NEW ARCTIC REGION FOR THE DEPARTMENT OF FISHERIES AND OCEANS AND THE CANADIAN COAST GUARD

Organized by Fisheries and Oceans Canada / Canadian Coast Guard

**Location:** Rima A, Harpa Ground Level

### SPEAKERS

**Neil O'Rourke**, Assistant Commissioner, Arctic Region, Canadian Coast Guard

**Beverly Foster**, Manager, Indigenous Relations and Partnerships, Coast Guard Arctic Region

**Madeleine Redfern**, Mayor of Iqaluit, Canada

**Kaviq Kaluraq**, Nunavut Arctic College and Acting Chairperson, Nunavut Impact Review Board

**Robert Young**, Senior Science Advisor, Freshwater Institute, Fisheries and Oceans Canada



18:30 – 19:30

## SAVING THE ARCTIC: ETHICS, VALUES AND THE NEXT GENERATION

Organized by Carnegie Climate Governance Initiative (C2G), as affiliated with the Carnegie Council for Ethics in International Affairs

**Location:** Kaldalón, Harpa Ground Level

### SPEAKERS

**Sir David King**, Affiliate Partner, SYSTEMIQ Limited; Senior Strategy Adviser to the President of Rwanda; Former UK Special Envoy for Climate Change

**Maria Krabbe Hammershøj**, Secretary General of Caritas Denmark; Board Member of Justice and Peace Europe

**Ilona Mettiäinen**, Researcher, Arctic Centre, University of Lapland

**Ashley Komangaapik Rose Cummings**, Indigenous rights activist for Inuit communities in Canada; Member of Canadian Prime Minister's Youth Council

**Moderator:** **Cynthia Scharf**, Senior Strategy Director, Carnegie Climate Governance Initiative (C2G)



18:30 – 19:30

## BLUE BUSINESS: A COMPREHENSIVE APPROACH TO SUSTAINABLE DEVELOPMENT IN THE ARCTIC

Organized by High North Center for Business and Governance, Nord University, Bodø, Norway

**Location:** Skarøsheiði, Harpa Third Level

### SPEAKERS

**Frode Mellemvik**, Director, High North Center

**Evgenii Aleksandrov**, Post Doc, High North Center for Business and Governance, Nord University Business School:  
*Smart Cities for Sustainable High North? Current Developments in Finland, North America, Norway and Russia*

**Natalia Andreassen**, Associate Professor, High North Center for Business and Governance, Nord University Business School:  
*Emergency Management Challenges and Competence Development Needs in the Arctic*

**Erlend Bullvåg**, Dean, Nord University Business School:  
*Business Index North*

**Andreas Raspotnik**, Senior Researcher, High North Center for Business and Governance, Nord University Business School:  
*AlaskaNor – Opportunities for Blue Growth in Alaska and North Norway*

**Moderator:** **Trine Jonassen**, Communications Advisor, High North Center for Business and Governance, Nord University Business School



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18:30 – 19:30

## KNOWLEDGE AND PROSPERITY: BUILDING BRIDGES TO EMPOWER COMMUNITY ACTION

Organized by United Nations University Land Restoration Training Programme, Soil Conservation Service of Iceland, Landvernd (Icelandic Environment Association) and Faith and Community

**Location:** Sæbjörg ICE-SAR Training Vessel – see map

### SPEAKERS

**Ari Trausti Guðmundsson**, *Member of the Icelandic Parliament: The Layman's Aid – The Legacy of Citizen Science in Iceland*

**Beatrice Dossah**, *Programme Officer, Environmental Protection Agency Ghana and United Nations University Land Restoration Training Programme, Iceland: Improving Research Efficiency - Stakeholder Viewpoints*

**Jónína Sigríður Þorláksdóttir**, *Station Manager, Rif Field Station, Northeast-Iceland: Increasing Environmental Sustainability through Partnered Knowledge Management*

**Páviðrað Jakobson**, *Environmental Consultant, on behalf of receivers of the Nordic Environmental Award 2018; Natural Resource Council of ATTU, West Greenland: Fostering Environmental Governance by Local Empowerment in Knowledge Management (the Democratization of Knowledge)*

**Linking Science**, *Religious and Indigenous Communities for Environmental Care*

• **Gregory E. Hitzhusen**, *Assistant Professor of Professional Practice, The Ohio State University, US*

• **Jame Schaefer**, *Associate Professor, Theology, Marquette University, US*

**Moderator:** **Halldor Thorgeirsson**, *Former Senior Director, United Nations Framework Convention on Climate Change*



18:30 – 19:30

## CRITICAL AND COMMON – CONSERVATION ISSUES IN THE BERINGIA SOCIO-ECOLOGICAL SYSTEM

Organized by WWF-US Arctic Program & WWF-Russia

**Location:** Hafnarkot, Harpa Ground Level

### SPEAKERS

**Delbert Pungowiyi**, *President, Native Village of Savoonga, Alaska*

**Derek Akeya**, *Tribal Council Member, Native Village of Savoonga, Alaska*

**Olivia Lee**, *Assistant Professor, International Arctic Research Center, University of Alaska Fairbanks: Technology and Indigenous Knowledge Use to Document and Respond to Bering Sea Ecosystem Change*

**Alexander Moiseev**, *Coordinator of the Environmental Programme, WWF Russia: Challenges of Increasing Shipping in the Bering Strait Region*

**Sergey Etykeu**, *Deputy Head, Management of Agriculture, Fisheries and Food of the Department of Agriculture and Food of the Chukotka autonomous region: Importance of Traditional Nutrition in the Diet of Indigenous People*

**Roman Kopin**, *Governor, Chukotka Autonomous Okrug, Russia*

**Olga Safonova**, *Chairperson of the Committee of Natural Resources and Ecology of the Chukotka autonomous region, Committee of Natural Resources and Ecology of the Chukotka autonomous region: Development System of Specially Protected Natural Areas in the Chukotka Autonomous Region for the Conservation of Biodiversity*

**Liubov Taian**, *Chairperson of Inuit Circumpolar Council, Chukotka: The Development of my Land while Preserving Culture and Nature: Views of the Eskimos on the prospects for the Arctic*

**Egor Vereshchagin**, *Representative of the Indigenous peoples' association, Chukotka Commissioner for Indigenous people in the Russian-American Polar Bear Commission, Protection and Utilization of the Animal Kingdom Department of the Industrial and Agricultural Policy of the Chukotka autonomous region*

### PANEL

**Olivia Lee**, *Assistant Professor, International Arctic Research Center, University of Alaska Fairbanks*

**Delbert Pungowiyi**, *President, Native Village of Savoonga, Alaska*

**Derek Akeya**, *Tribal Council Member, Native Village of Savoonga, Alaska*

**Opik (Marlene) Ahkinga**, *Mayor of Little Diomed, Alaska, & Environmental Coordinator for the Native Village of Diomed*

**June Walunga**, *Representative of the Native Village of Gambell*

**Shannon Jenkins**, *Senior Arctic Advisor, the United States Coast Guard*

**Moderator:** **Victoria Elias**, *Programme Director, WWF Russia*



18:30 – 19:30

## NEW TECHNOLOGIES FOR ARCTIC OBSERVING AND NETWORKING

Organized by Polar Research Institute of China (PRIC), Committee on Iceland and the Fourth Industrial Revolution, Prime Minister's Office of Iceland, the Administrative Center for China's Agenda 21 (ACCA21), MOST of China, and Sustaining Arctic Observing Networks (SAON)

**Location:** Esja, Harpa Fifth Level

### SPEAKERS

**Halldór Jóhannsson**, *Executive Director, Arctic Portal: Availability and Presentation of Information and Data for the Benefit of All*

**Xiao Cheng**, *Professor and Dean, School of Geospatial Engineering and Science; Vice Dean, Institute of South China Sea, Sun Yat-Sen University (SYSU): Design and Implementation of Cubesat Constellation for Arctic Observation*

**Zhuoli Yuan**, *Assistant Professor, Polar Research Institute of China: Unmanned Ice Station Observation System (UNIS) and its Potential Roles in the Central Arctic Ocean Observation Network*

**Zhang Haibin**, *Professor, Institute of Deep-sea Science and Engineering, Chinese Academy of Sciences: Deep-Sea Manned Submersible Shenhaiyongshi: A Powerful Platform for Deep-Sea Observation and its Potential Application in Arctic Ocean*



18:30 – 19:30

## STRONGER TOGETHER: INCLUSIVE, RESILIENT AND CONNECTED NORTHERN CITIES

Organized by Anchorage Museum

**Location:** Rima B, Harpa Ground Level

### SPEAKERS

**David Lubell**, *Founding Director, Welcoming International*

**Mara Kimmel**, *Deputy Director of Strategy, Research and Scholarship, Anchorage Museum*

**Ethan Berkowitz**, *Mayor of Anchorage, Alaska*

**Aaron Leggett**, *Indigenous Curator of History and Culture, Anchorage Museum*



18:30 – 19:30

## SEEKING A STRATEGIC PLAN FOR THE ARCTIC COUNCIL

Organized by the Wilson Center and Harvard's Belfer Center

**Location:** Stemma, Harpa Ground Level

Private meeting – by invitation only



18:30 – 19:30

## SHAPING ECOTOURISM

Organized by Manicouagan – Uapishka UNESCO Biosphere Reserve and the SHAPE international project

**Location:** Ministry of Industries and Innovation – see map

### SPEAKERS

**Jean-Philippe L. Messier**, *Founder & General Manager, UNESCO Biosphere Reserve of Manicouagan-Uapishka, Québec*

**Ragnhildur Sigurðardóttir**, *Snaefellsnes Regional Park, Iceland*

**Rosalind Bryce**, *SHAPE Project Manager, University of the Highlands and Islands, Scotland*

# THURSDAY, OCTOBER 10 – PLENARY SESSIONS 18:30 - 19:30

Sessions are organized by partners of the Arctic Circle: associations, institutions, governments, companies, organizations, think tanks, universities, or other bodies.

## 18:30 – 19:30 FEELING THE HEAT: WHEN FISH STOCKS MOVE NORTH

Organized by Arctic Encounter

**Location:** Silfurberg B, Harpa Second Level

### SPEAKERS

**Mead Treadwell**, *President, Treadwell Development; Former Lieutenant Governor of Alaska; Chairman, Arctic Circle Task Force on Shipping and Ports; Chair, U.S. Arctic Research Commission 2006-2010; Co-Chair, Polar Institute, Woodrow Wilson Center Polar Initiative: Why Non-Scientists Need to Push for Better Ecosystem Level Research in the Arctic Region*

**Rachel Kallander**, *Founder & Executive Director, Arctic Encounter; Managing Partner, Kallander & Associates LLC: A Changing Tide: Empowering the Harvesters of the Circumpolar North*

**Mike Sfraga**, *Director, Polar Initiative, Woodrow Wilson International Center for Scholars*

**H.E. Aleqa Hammond**, *Member of the Danish Parliament, Former Prime Minister of Greenland: New Species Moving North: New Challenges for Inuit*

**Ole Øvretveit**, *Director, Arctic Frontiers; Project Director, Akvaplan-niva AS*

**Ben Kellie**, *CEO, The Launch Company; Accelerator Lead, Launch Alaska: Tech & Innovation: Under, On, and Above Our Changing Oceans*

## 18:30 – 19:30 ARCTIC MELT & THE MEDIA: HUMAN STORIES OF CLIMATE ADAPTATION & RESILIENCE

Organized by the Arctic Initiative, Harvard Kennedy School

**Location:** Norðurljós, Harpa Second Level

### SPEAKERS

**Elizabeth Arnold**, *Professor, Department of Journalism, University of Alaska and Former NPR Correspondent: The Importance of Stories of Resilience & Adaptation in Media Coverage of Arctic Climate Change*

**Mark Trahan**, *Editor, Indian Country Today: How Media Cover — or Don't Cover — Arctic Indigenous Peoples*

**Heather Exner-Pirot**, *Managing Editor, University of Saskatchewan & The Arctic Yearbook: Object, Subject, Agent: Indigenous Peoples in Arctic Climate Change Narratives*

**Discussant:** Alice Rogoff, *Publisher & Editorial Director, Arctic Today*

**Moderator:** Cristine Russell, *Science Journalist & Senior Fellow, Harvard Kennedy School Environment & Natural Resources Program*

## 18:30 – 19:30 CLEAN TRANSPORTATION ENERGY DEVELOPMENT AND OPPORTUNITIES

Organized by the United States Department of Energy

**Location:** Björtuloft, Harpa Fifth Level

### SPEAKERS

Hydrogen and Fuel Cell Technologies, International Partnership for Hydrogen and Fuel Cells in the Economy (IPHE)

- **Sunita Satyapal**, *United States Department of Energy*
- **Robert Dixon**, *Senior Director for Strategic Initiatives, Office of International Affairs, United States Department of Energy*
- **Toshiyuki Shirai**, *Japan METI*
- **Tim Karlsson**, *IPHE Secretariat*

**Michael Kass**, *Oak Ridge National Laboratory: Biofuel Potentials in Marine Applications*

**Moderator:** Michael Wang, *Argonne National Laboratory*

## 18:30 – 19:30 SCIENCE TRANSFORMING THE ARCTIC: AN EXPERIMENT WITH TECHNOLOGIES AND PARTNERSHIP

Organized by Korea Arctic Research Consortium (KoARC)

**Location:** Akrafjall, Harpa Fourth Level

### SPEAKERS

**Hyoung Chul Shin**, *Principal Research Scientist, Korea Arctic Research Consortium: The Arctic as a Frontier and as a Place for Coexistence; Success Stories from Science*

**Sten Lund**, *International Research Coordinator, Greenland Ministry of Industry, Energy and Research: Greenland International Arctic Hub, an Innovative Initiative for Future Development of Arctic Research*

**Magnus de Witt**, *PhD student, Reykjavik University: How Science and Technology Actually Benefits Arctic Communities; Transition from Black to Green Energy Technologies*

## 18:30 – 19:30 ARCTIC BIOMONITORING IN RUSSIA

Organized by Northern (Arctic) Federal University named after M.V. Lomonosov

**Location:** Flói, Harpa Ground Level

### SPEAKERS

**Tatiana Sorokina**, *Head of the Arctic Biomonitoring Laboratory, Northern (Arctic) Federal University: NArFU's biomonitoring initiative*

**Yngvar Thomassen**, *Leading Scientist of the Arctic Biomonitoring Laboratory, Northern (Arctic) Federal University:*

*Priority Inorganic Pollutants and Essential Trace Elements in Fish Consumed by Indigenous Peoples of The European Russian Arctic*

**Andrey Aksenov**, *Department of biology, ecology and biotechnology, Northern (Arctic) Federal University: Efficient Combination of Field Work and High-Standard Analytics as Key Driver for the Arctic Biomonitoring System Development*

**Valerii Chashchin**, *Senior Research Officer of the Arctic Biomonitoring Laboratory, Northern (Arctic) Federal University: Biomarkers of Human Exposure and Susceptibility to Environmental Contaminants and Nutrient Deficiencies in the Arctic*

**Nikita Sobolev**, *Junior Research Officer of the Arctic Biomonitoring Laboratory, Northern (Arctic) Federal University: Analysis of Halogens in Food, Blood and Urine of European Russia Arctic Indigenous Peoples*

**Moderator:** Tatiana Sorokina, *Head of the Arctic Biomonitoring Laboratory, Northern (Arctic) Federal University*

## 18:30 – 19:30 SCIENCE-BASED POLICY-MAKING: RAISING AWARENESS AND BUILDING CAPACITY

Organized by Arctic Office at Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research, Association of Polar Early Career Scientists (APECS), The Icelandic Centre for Research (RANNIS)

**Location:** Háaloft, Harpa Eighth Level

### SPEAKERS

**Dietrich Becker**, *Ambassador of Germany to Iceland*

**Tayana Arakchaa**, *Postdoctoral Researcher, KHT Royal Institute of Technology: Raising Awareness and Building Capacity for Science-Based Policy-Making – Workshop Summary*

### PANEL

**Gerlis Fugmann**, *Executive Director, Association of Polar Early Career Scientists (APECS), Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research*

**Volker Rachold**, *Head, German Arctic Office, Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research*

**Þorsteinn Gunnarsson**, *Senior Adviser, The Icelandic Centre for Research (RANNIS), Chair, Sustaining Arctic Observing Networks (SAON)*

**Tayana Arakchaa**, *Postdoctoral Researcher, KHT Royal Institute of Technology*

**Henry Burgess**, *Head of the UK NERC Arctic Office, UK National Environment Research Council Arctic Office*

**Fran Ulmer**, *Chair, U.S. Arctic Research Commission*

**Moderator:** Dietrich Becker, *Ambassador of Germany to Iceland*



# THURSDAY, OCTOBER 10 – SESSIONS 20:30 - 21:30

## 19:30 – 20:30 WELCOME RECEPTION

OPEN TO ALL ASSEMBLY PARTICIPANTS

Hosted by Icelandair

Location: Norðurbryggja Hall, Harpa Ground Level

## 20:30 – 21:30 THE STEFANSSON MEMORIAL LECTURE

Organized by Stefansson Arctic Institute; Institute of Arctic Studies at Dartmouth College, supported by the Evelyn Stefansson Nef Endowment

Location: Kaldalón, Harpa Ground Level

### SPEAKER

Michael Bravo, Acting Director, Scott Polar Research Institute, Cambridge University

## 20:30 – 21:30 PERFORMING THE ARCTIC: FORMS AND EXPRESSIONS OF ARCTIC CITIZENSHIP

Organized by Ecologic Institute US

Location: Ríma A, Harpa Ground Level

### SPEAKERS

Jocelyn Joe-Strack, Consultant, Subarctic Research & Strategy: An Identity of Place

Brendan O'Donnell, Fellow, Ecologic Institute US: Staging Arctic Identificatory Practice

Aleksey Tsykarev, UN Independent Expert, UN Expert Mechanism on the Rights of Indigenous Peoples: Active Citizenship through Political Organization and Representation

Moderator: Max Gruenig, President, Ecologic Institute, US

## 20:30 – 21:30 OVERCOMING REMOTENESS IN THE ARCTIC

Organized by Institute of Regional Consulting, Moscow

Location: Flói, Harpa Ground Level

### SPEAKERS

Alexander Pilyasov, General Director, Institute of Regional Consulting: Global Challenges in the Development of Local Transportation Systems in the Arctic

Networks in the Arctic Cities: Peculiarities and Cycles:

- Nadezhda Zamyatina, Leading Research Associate, Moscow State University
- Ruslan Goncharov, Associate Professor, National Research University Higher School of Economics

Valeria Vasilyeva, Research Fellow, European University at Saint Petersburg and Tyumen State University: Grass-roots Transport Infrastructures in the Russian Arctic

Ksenia Gawrilova, Researcher, European University at Saint Petersburg: Between Access and Isolation: The Case of the Newest Seaport of the Northern Sea Route

## 20:30 – 21:30 FRAM FORUM

Organized by FRAM – High North Research Centre for Climate and the Environment (The Fram Centre)

Location: Björtuloft, Harpa Fifth Level

### SPEAKERS

Anne Husebekk, Rector, UiT – The Arctic University of Norway, Chair, Fram Centre Advisory Board

Frode Kjersem, Director, Fram Centre AS

## 20:30 – 21:30 DIALOGUE WITH ENVIRONMENTAL LEADERS: RECEPTION HOSTED BY THE ICELANDIC MINISTER OF THE ENVIRONMENT

Organized by the Ministry of Environment and Natural Resources of Iceland

Location: Háaloft, Harpa Eighth Level

Private reception – by invitation only

## 20:30 – 24:00 ARCTIC CIRCLE BAR OPEN

Location: Outside Kolabrautin, Harpa Fourth Level

# DIALOGUE RECEPTION FOR ENVIRONMENTAL ORGANIZATIONS

20:30-21:30, THURSDAY, OCTOBER 10TH

Location: Háaloft, Harpa Eighth Level

Hosted by H.E.  
Guðmundur Ingi Guðbrandsson,  
Iceland's Minister for the Environment  
and Natural Resources

By invitation only



UMHVERFIS- OG  
AUÐLINDARÁÐUNEYTIÐ  
Ministry for the Environment  
and Natural Resources





## WELCOME RECEPTION

19:30-20:30, THURSDAY, OCTOBER 10TH

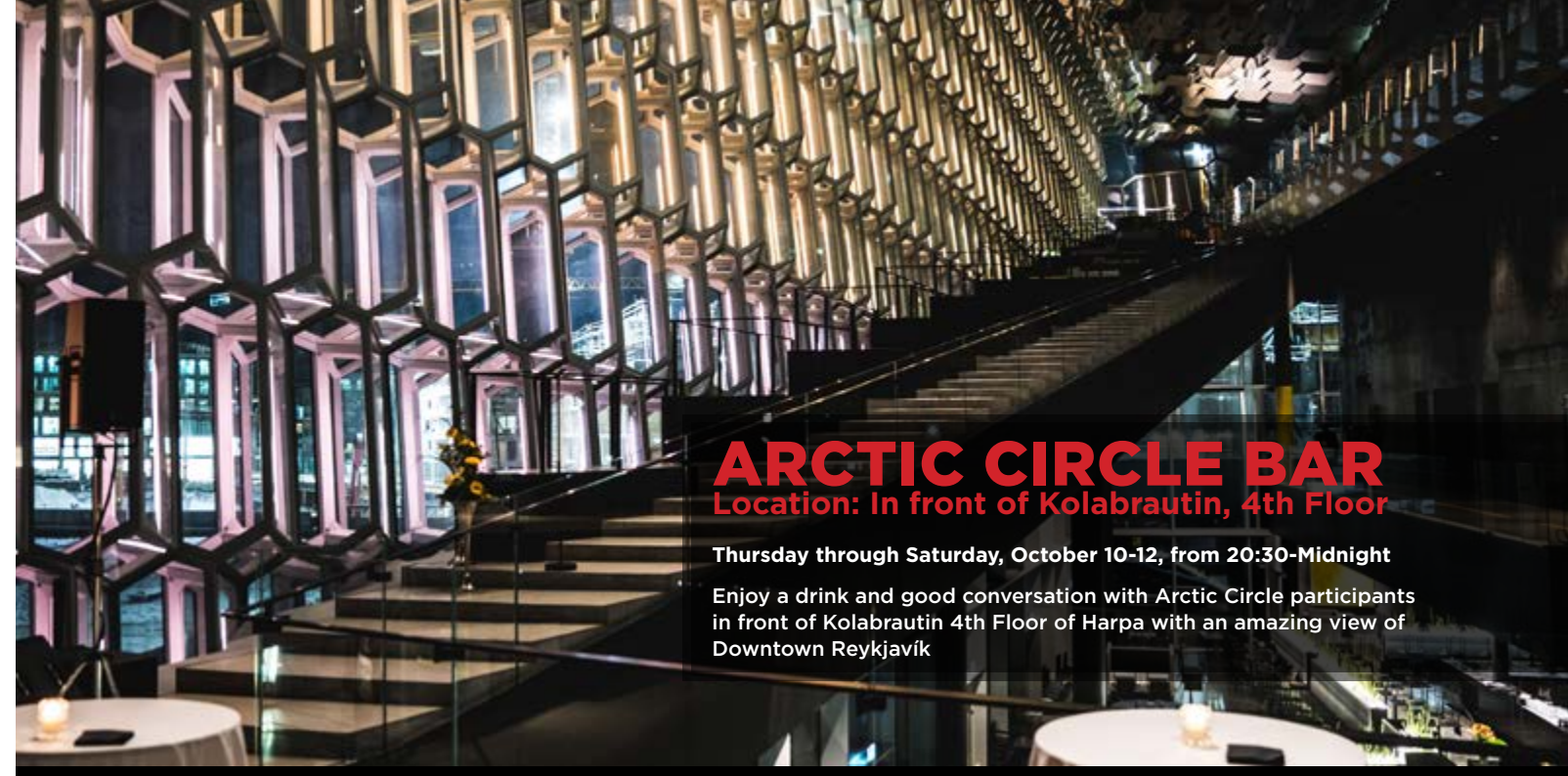
Open to All Assembly Participants

Hosted by Icelandair

Location: Norðurbryggja Hall, Harpa Ground Level

### Performance:

Tatiana Lar and Elena Ufimtseva, Indigenous performers of traditional Nenets songs



## ARCTIC CIRCLE BAR

Location: In front of Kolabrautin, 4th Floor

Thursday through Saturday, October 10-12, from 20:30-Midnight

Enjoy a drink and good conversation with Arctic Circle participants in front of Kolabrautin 4th Floor of Harpa with an amazing view of Downtown Reykjavík



# REFUSE, REUSE, RECYCLE!

**All materials used at the Arctic Circle Assembly  
are either reusable or recyclable**

- **Refuse single-use containers**
- **Reuse when possible**
- **Recycle at Harpa recycling stations**

## GET YOUR OWN

Pick up your complimentary bag and pen and purchase a reusable water bottle at the Registration Desk



# FRIDAY, OCTOBER 11 – SESSIONS 8:00 - 9:00

Sessions are organized by partners of the Arctic Circle: associations, institutions, governments, companies, organizations, think tanks, universities, or other bodies.



08:00 – 17:00

## REGISTRATION



08:00 – 09:00

## ARCTIC MIGRATORY BIRDS INITIATIVE (AMBI): A MODEL FOR ARCTIC AND NON-ARCTIC STATE COOPERATION

Organized by Conservation of Arctic Flora and Fauna (CAFF) Working Group of the Arctic Council and the National Institute of Ecology (NIE), Republic of Korea

**Location:** Skarðsheiði, Harpa Third Level

### SPEAKERS

**H.E. Young-sook Nam**, Ambassador of the Republic of Korea to Norway and Iceland

**Einar Gunnarsson**, Ambassador for Arctic Affairs, Ministry of Foreign Affairs of Iceland; Chair of the Senior Arctic Officials of the Arctic Council: Addressing Common Concerns: International Cooperation and the Arctic Council

**Tom Barry**, Executive Secretary, Conservation of Arctic Flora and Fauna Secretariat (CAFF):  
The Arctic Migratory Birds Initiative: Working Together to Address Population Decline in Arctic-Breeding Migratory Species

**Sung-Ryong Kang**, General Manager, Department of International Cooperation, Division of External Relations, National Institute of Ecology, Republic of Korea:  
AMBI and The Republic of Korea: A Case Study of Arctic Council Observer Country Engagement



08:00 – 09:00

## INSPIRING ARCTIC VOICES THROUGH YOUTH

Organized by Conservation of Arctic Flora and Fauna (CAFF) Working Group of the Arctic Council

**Location:** Esja, Harpa Fifth Level

### SPEAKERS

**Kári Fannar Lárusson**, Programme Manager, Conservation of Arctic Flora and Fauna (CAFF) Working Group of the Arctic Council: Introduction and Background

**Oscar D. Avila**, Public Affairs Officer, US Embassy Reykjavik, Iceland:  
Youth Exchange in the Arctic: The Value and Importance of Cultural Exchange and the Role Youth Plays in a Sustainable Arctic

**Youth Exchange Iceland**, Finland, Norway and the U.S

• **Sigurður Smári Davíðsson**, Biology student, Conservation of Arctic Flora and Fauna (CAFF)

• **Kolbrún Þóra Sverrisdóttir**, Biology student, Conservation of Arctic Flora and Fauna (CAFF) Working Group of the Arctic Council

• **Kristbjörg Mekkín Helgadóttir**, Member of the Icelandic Youth Council for the SDGs, Prime Minister's Office, Iceland

• **Tasha Elizarde**, Vice-Chair, Arctic Youth Ambassador

• **Youth Summit Recap and Delivery of Declaration**, Youth Summit Participants

• **Pétur Halldórsson**, Chair, Icelandic Youth Environmentalist Association (Ungir Umhverfissinnar)

• **Tasha Elizarde**, Vice-Chair, Arctic Youth Ambassador

• **Youth Exchange Iceland**, Finland, Norway and the U.S

• **Kolbrún Þóra Sverrisdóttir**, Conservation of Arctic Flora and Fauna (CAFF) Working Group of the Arctic Council

• **Kristbjörg Mekkín Helgadóttir**, Member of the Icelandic Youth Council for the SDGs, Prime Minister's Office, Iceland

• **Arctic Youth Network**, What Can Happen When You Create Space for Dialog

• **Pétur Halldórsson**, Chair, Icelandic Youth Environmentalist Association (Ungir Umhverfissinnar)

• **Tasha Elizarde**, Vice-Chair, Arctic Youth Ambassador

**Moderator:** Tom Barry, Executive Secretary, Conservation of Arctic Flora and Fauna Secretariat (CAFF)



08:00 – 09:00

## A RENEWABLE ARCTIC: GREEN ENERGY TRANSITIONS

Organized by Arctic Centre for Sustainable Energy (ARC), UiT – The Arctic University of Norway, and Scott Polar Research Institute, University of Cambridge

**Location:** Ríma A, Harpa Ground Level

### SPEAKERS

**Yngve Birkelund**, Professor, ARC, UiT – The Arctic University of Norway: Electrical Airplanes

**Matteo Chiesa**, Professor, ARC, UiT – The Arctic University of Norway:  
Wind Power

**Odin Eikeland**, Research Fellow, ARC, UiT – The Arctic University of Norway: Solar Power

**Silje Lundberg**, Chair, Friends of the Earth Norway: NGO Discussions

**Bjarte Hoff**, Associate Professor, ARC, UiT – The Arctic University of Norway: Electrification of the Fishing Industry

**Gunn Tove Bjerkkan**, Marketing Director, Ishavskraft: Smart Energy Solutions

**Berit Kristoffersen**, Associate Professor, ARC, UiT – The Arctic University of Norway: Renewable and Viable Energy Futures

**Moderator:** Michael Bravo, Acting Director, Scott Polar Research Institute, University of Cambridge



08:00 – 09:00

## ARCTIC TRANSPORTATION ROUTES: IMPLICATIONS FOR ENERGY SUPPLY AND ENERGY SECURITY

Organized by ONS Foundation

**Location:** Akrafjall, Harpa Fourth Level

### SPEAKERS

**Ingvild Meland**, ONS Programme Director

**Liv Monica Stubholt**, Partner in law firm Selmer and Board Member World Ocean Council:  
Changes in the Arctic – Geopolitical Implications and Challenges

**Janne Valkonen**, Arctic Operations, DNV-GL:  
Growing Arctic Shipping - Opportunities and Challenges

**Moderator:** Ingvild Meland, ONS Programme Director



08:00 – 09:00

## SETTING THE ARCTIC AGENDA: THE ROLE OF LOCAL GOVERNMENTS IN INTERNATIONAL COOPERATION

Organized by Sermersooq Municipality, Greenland

**Location:** Ríma B, Harpa Ground Level

### SPEAKERS

**Charlotte Ludvigsen**, Mayor of Sermersooq Municipality, Greenland: Setting the Arctic Agenda from a Greenlandic City Perspective\*

**Ásthildur Sturludóttir**, Mayor of Akureyri, Iceland:  
Setting the Arctic Agenda from an Icelandic City Perspective

**Kristin Røymo**, Mayor of Tromsø, Norway:  
Setting the Arctic Agenda from a Norwegian City Perspective

**Madeleine Redfern**, Mayor of Iqaluit, Canada:  
Setting the Arctic Agenda from a Canadian City Perspective

**Ethan Berkowitz**, Mayor of Anchorage, Alaska:  
Setting the Arctic Agenda from a U.S. City Perspective

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# FRIDAY, OCTOBER 11 – PLENARY SESSIONS 9:00 - 11:00

Location: Silfurberg, Harpa Second Level

## 09:00 – 09:30 DIALOGUE WITH REGIONAL LEADERS: USA – RUSSIA

### SPEAKERS

Honorable Janet Mills, *Governor of Maine, United States*

H.E. Roman Kopin, *Governor of Chukotka Autonomous Okrug, Russia*

H.E. Andrey Chibis, *Governor of Murmansk Oblast, Russia\**

### CHAIR

Mead Treadwell, *former Lieutenant Governor of Alaska*

## 09:30 – 09:50 PAVING THE POLAR SILK ROAD CHINA – RUSSIA – JAPAN – KOREA

### SPEECH

Henry Tillman, *Founder and Chairman, China Investment Research*

### CHAIR

Alice Rogoff, *Publisher, Arctic Today*

## 09:50 – 10:10 RESTORING ARCTIC SEA ICE TO MITIGATE GLOBAL CLIMATE DEVASTATION

### SPEAKER

Leslie Field, *Founder and CTO, Ice911 Research*

### PANEL

Peter Wadhams, *Emeritus Head of the Polar Ocean Physics Group in the Department of Applied Mathematics and Theoretical Physics, University of Cambridge*

Stephanie Lapensee, *Consultant, Ice911 Research*

Steve Payne, *Governing Board Chair, Ice911 Research*

## 10:10 – 10:20 ANNOUNCING THE 2020 UARCTIC CONGRESS

### SPEAKERS

Lars Kullerud, *President, University of the Arctic (UArctic)*

Dagfinnur Sveinbjörnsson, *CEO, Arctic Circle*

## 10:20 – 10:40 DIALOGUE WITH THE MAYOR OF ANCHORAGE

### SPEECH

Ethan Berkowitz, *Mayor of Anchorage, Alaska*

### CHAIR

Ásthildur Sturludóttir, *Mayor of Akureyri, Iceland*

## 10:40 – 11:00 THE ROLE OF RELIGIOUS STEWARDSHIP IN THE ARCTIC

Organized in cooperation with the National Church of Iceland

### SPEECH

Bishop Mark Macdonald, *National Indigenous Anglican Bishop, Anglican Church of Canada; World Council of Churches President for North America*

### CHAIR

Rev. Kristján Björnsson, *Bishop at Skalholt, Iceland; Vice Chairman of the Icelandic Institute on Religion and Reconciliation*

## 11:00 – 11:15 COFFEE BREAK



## FRAM FORUM RECEPTION

THURSDAY, OCTOBER 10TH 20:30 - 21:30

Organized by FRAM – High North Research Centre for Climate and the Environment (The Fram Centre)

Location: Björtuloft, Harpa Fifth Level

## UARCTIC CONGRESS 2020: COMING TO ICELAND

FRIDAY, OCTOBER 11TH 20:30-21:30

Organized by UArctic and Icelandic Universities

Location: Björtuloft, Harpa Fifth Level

## CELEBRATING MODERN GREENLANDIC CULTURE

FRIDAY, OCTOBER 11TH 20:30-21:30

Organized by Sermersooq Municipality, Greenland

Location: Norðurbryggja Hall, Harpa Ground Level

Performances by Nanook and Small Time Giants

Music, arts and food tasting

Open to All Assembly Participants

# FRIDAY, OCTOBER 11 – SESSIONS 11:15 - 12:00

Sessions are organized by partners of the Arctic Circle: associations, institutions, governments, companies, organizations, think tanks, universities, or other bodies.

## 11:15 – 12:00 SMART ENERGY ARCTIC: PRACTICAL SOLUTIONS FOR LOW-CARBON TRANSITION

Organized by UK Science and Innovation Network, Natural Environment Research Council (NERC) Arctic Office

**Location:** Silfurberg A, Harpa Second Level

### SPEAKERS

**Natalie Lowery**, Practice Manager, Local Area Energy Planning, Energy Systems Catapult:  
Local Energy Asset Representation

**Scot Wheeler**, Postdoctoral Research Associate, Energy and Power Group, Engineering Science Department, University of Oxford:  
Project LEO: Maximising Prosperity of Local Energy Systems

**Gareth Davies**, Managing Director, Aquatera:  
ReFLEX Orkney (Responsive Flexibility) Project - Creating Smart Energy Island

**Moderator:** Henry Burgess, Head, NERC Arctic Office, UK  
National Environment Research Council Arctic Office

## 11:15 – 12:00 CYBER SECURITY AND HUMAN SECURITY IN THE DIGITAL ARCTIC

Organized by ECoHuCy Project, Northern Institute for Environmental and Minority Law (NIEM) / Arctic Centre / University of Lapland

**Location:** Esja, Harpa Fifth Level

### SPEAKERS

**Mirva Salminen**, NIEM, Arctic Centre, University of Lapland:  
Everyday Digital Security in the European High North: The Case of Field Lapland

**Gerald Zojer**, NIEM, Arctic Centre, University of Lapland:  
FLOSS (free/libre open source software) as a Contribution to Digital Security in the Arctic

**Marcin Dymet**, NIEM, Arctic Centre, University of Lapland:  
Resilience and Transformation of Arctic Systems. Cases from Speculative Narratives

**Joëlle Klein**, NIEM, Arctic Centre, University of Lapland:  
Conceptualizing Cyber Security in the Arctic in Light of Human Security and Climate Change

**Moderator:** Kamrul Hossain, Research Professor & Director, Northern Institute for Environmental and Minority Law, University of Lapland

## 11:15 – 12:00 THE MELTING OF THE ARCTIC AND THE (RE)INSURANCE INDUSTRY

Organized by TM Insurance

**Location:** Rima A, Harpa Ground Level

### SPEAKERS

**Dance Zurovac-Jevtic**, Senior Atmospheric Specialist and Technical Underwriter, Sirius International Insurance Corporation

### PANEL

**Dance Zurovac-Jevtic**, Senior Atmospheric Specialist and Technical Underwriter, Sirius International Insurance Corporation

**Halldór Þorgeirsson**, Chair, Iceland's Climate Council

**Hulda Ragnheiður Árnadóttir**, CEO of the Natural Catastrophe Insurance of Iceland

## 11:15 – 12:00 RENEWABLE ENERGY HYBRID POWER GENERATION SOLUTIONS FOR REMOTE ARCTIC COMMUNITIES

Organized by U.S. Department of Energy, National Renewable Energy Laboratory

**Location:** Skarðsheiði, Harpa Third Level

### SPEAKERS

**Gail Mosey**, National Renewable Energy Laboratory (NREL)

**Clay Koplin**, Cordova Electric Cooperative, Inc.

**Gwen Holdmann**, Director, Alaska Center for Energy and Power, University of Alaska, Fairbanks

**Amy Halloran**, Sandia National Laboratories

**Moderator:** Greg Poelzer, University of Saskatchewan

## 11:15 – 12:00 SCIENCE DIPLOMACY IN THE ARCTIC – CANADIAN PERSPECTIVES

Organized by Polar Knowledge Canada

**Location:** Flói, Harpa Ground Level

### SPEAKERS

**David Scott**, President, Polar Knowledge Canada:  
Beyond Fieldwork: Arctic Science as a Diplomatic Tool

**David Hik**, Associate Dean, Faculty of Science & Professor, Department of Biological Sciences, Simon Fraser University:  
Diplomacy for Science: The Essential Ingredients for International Research Collaboration in the Arctic

**Lisa Koperqualuk**, Vice-President of Inuit Circumpolar Council Canada:  
Indigenous Perspectives on Science Diplomacy: Indigenous Collaborations Across Borders

**Moderator:** Bob Paquin, Head, Canadian International Arctic Centre, Embassy of Canada, Oslo, Norway

## 11:15 – 12:00 TOWARDS SUSTAINABLE TOURISM – KNOWLEDGE SHARING BETWEEN GREENLAND AND ICELAND

Organized by the Ministry of Foreign Affairs of Greenland and the Ministry of Tourism, Industry and Innovation, Iceland

**Location:** Kaldalón, Harpa Ground Level

### SPEAKERS

**H.E. Jess Svane**, Minister of Industry, Energy and Research, Government of Greenland

**Inga Hlín Pálsdóttir**, Director, Promote Iceland

**Julia Pars**, Director, Visit Greenland

## 11:15 – 12:00 A NEW ARCTIC CIRCLE MISSION COUNCIL: THE GLOBALARCTIC

Organized by the GlobalArctic Mission Council of the Arctic Circle

**Location:** Björtulóft, Harpa Fifth Level

### SPEAKERS

**Miyase Christensen**, Professor, Leading Research Environment in Global Media Studies and Politics of Mediated Communication, University of Stockholm

**Dalee Sambo Dorough**, Chair, Inuit Circumpolar Council

**Heather Exner-Pirot**, Managing Editor, University of Saskatchewan & The Arctic Yearbook

**Yang Jian**, Vice-President, Shanghai Institute for International Studies

**Atsushi Sunami**, Ocean Policy Research Institut, The Sasakawa Peace Foundation

**Moderator:** Lassi Heininen, Research Director, INAR at University of Helsinki

## 11:15 – 12:00 BUILDING AN ARCTIC INVESTMENT INITIATIVE FOR SUSTAINABLE DEVELOPMENT IN THE ARCTIC

Organized by Polar Research and Policy Initiative (PRPI), United Kingdom

**Location:** Akrafjall, Harpa Fourth Level

### SPEAKERS

**Dwayne Ryan Menezes**, Founder & Managing Director, Polar Research and Policy Initiative, UK

**Alice Rogoff**, Publisher & Editorial Director, Arctic Today

**Russell Read**, CFA, PhD, Senior Advisor, Private Markets and Asset Owner Solutions, MSCI; former Chief Investment Officer (CIO), Alaska Permanent Fund, US

**Toby Norfolk-Thompson**, Private Investor and Experienced Corporate Director, UK

**Hilmar Eggertsson**, Debt Capital Markets, MUFG Securities, France

# FRIDAY, OCTOBER 11 – SESSIONS 11:15 - 12:00

Sessions are organized by partners of the Arctic Circle: associations, institutions, governments, companies, organizations, think tanks, universities, or other bodies.

## 11:15 – 12:00 OCEAN FOOD SYSTEMS FROM ACADEMIA TO ENTERPRISE

Organized by University of New England, College of the Atlantic, Ocean Rainforest, with support from the U.S. Embassy in Iceland

**Location:** Viðey, Harpa Second Level

### SPEAKERS

**Barry A. Costa-Pierce**, *Executive Director, UNE NORTH, the Institute for North Atlantic Studies, Henry L. & Grace Doherty Professor of Marine Sciences, University of New England in Maine, US: Ocean Food Businesses Connected to Applied Academia in the New North*

**Jay Friedlander**, *Sharpe-McNally Chair, Green and Socially Responsible Business, College of the Atlantic: Bridging the Skills-Passion Gap to Increase Impact*  
*Chair: Barry A. Costa-Pierce, University of New England, Maine, US*

## 11:15 – 12:00 ARCTIC CITIES AND SUSTAINABLE TOURISM

Organized by Arctic Mayors, Municipality of Akureyri, Municipality of Torshavn and Sermersooq Municipality

**Location:** Háaloft, Harpa Eighth Level

### SPEAKERS

**Kristin Røymo**, *Mayor of Tromsø: Sustainable Tourism in the Arctic*  
**Guðrún Þóra Gunnarsdóttir**, *Director, Icelandic Tourism Research Centre: The Development of Tourism in Iceland, Challenges and Issues*

*Related to The Development of Sustainable Tourism in the Arctic, Especially in Small Communities*

**Annika Olsen**, *Mayor of Torshavn, Faroe Islands: There are Too Many Tourists Here*

**Moderator:** Ásthildur Sturludóttir, *Mayor of Akureyri*

## 11:15 – 12:00 CANADA'S NORTH: ECONOMIC DEVELOPMENT NOW AND FOR THE FUTURE

Organized by Global Affairs Canada

**Location:** Norðurljós, Harpa Second Level

### SPEAKERS

**David Sproule**, *Senior Arctic Official and Director General, Arctic Eurasian, and European Affairs, Global Affairs Canada*

**Brian Burke**, *Executive Director, Nunavut Fisheries Association*

**Heather Bourassa**, *Jane Glassco Northern Fellow, Business Owner*

**Moderator:** Jutta Wark, *Director, Nordic and Polar Affairs, Global Affairs Canada*

## 11:15 – 12:00 LESSONS FROM START-UP AND INNOVATION VENTURES IN THE ARCTIC

Organized by Kaiser Global, Arctic Economic Council, New England Ocean Cluster and Startup Iceland

**Location:** Ríma B, Harpa Ground Level

### SPEAKERS

**Patrick Arnold**, *CEO, New England Ocean Cluster: Cost-Based Geographies as Drivers of Arctic Economic Growth and Connectedness*

**Anu Fredrikson**, *Director, Arctic Economic Council: Growing Arctic Economies through Collaboration*

**Bala Kamallakharan**, *Founder, Startup Iceland: Connecting Founders and Funders - Keys to Developing Thriving Arctic Businesses*

**Moderator:** William Patrowicz, *CEO, Kaiser Global*

## 11:15 – 12:00 RESPONSIBLE PROJECT MANAGEMENT BEYOND THE ARCTIC CIRCLE

Organized by the Masters of Project Management (MPM) program, Reykjavik University

**Location:** Hafnarkot, Harpa Ground Level

### SPEAKERS

**Responsible Project Management Beyond the Arctic Circle**

• **Helgi Þór Ingason**, *Professor and Director of the MPM Program, Reykjavik University*

• **Haukur Ingi Jónasson**, *Professor and Director of the MPM Program, Reykjavik University*

• **Íris Hrunn Þórarinsdóttir**, *MPM, Curator of the MPM Program, Reykjavik University*

## Project Ethics When Managing Complex Sustainable Projects in Highly Demanding Environmental Circumstances

• **Ægir Jóhannsson**, *Civil and Environmental Engineer, Project Manager, M.Sc., Verkis Consulting Engineers*

• **Gisli H. Guðmundsson**, *Civil Engineer, Head of Building Department, Lic. Techn., Ístak Ltd, Construction Contractor*

• **Karl Andreassen**, *Civil Engineer, CEO of Ístak Ltd, Construction Contractor*

## 12:00 – 13:00 DIALOGUE WITH LEADERS IN ARCTIC SCIENCE: LUNCH HOSTED BY THE ICELANDIC MINISTER OF EDUCATION, SCIENCE AND CULTURE, H.E. LILJA DÖGG ALFREÐSDÓTTIR

**Location:** Háaloft, Harpa Eighth Level

**By invitation only**

## 12:00-12:45 NETWORKING LUNCH OPEN TO ALL ASSEMBLY PARTICIPANTS

**Hosted by the Prime Minister of Iceland, H.E. Katrín Jakobsdóttir**



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# DIALOGUE RECEPTION FOR ARCTIC SCIENCE

12:15, FRIDAY, OCTOBER 11TH

Location: Háaloft, Harpa Eighth Level

Hosted by H.E. Lilja Dögg Alfreðsdóttir,  
Iceland's Minister of Education, Science and  
Culture

By invitation only



MENNTA- OG  
MENNINGARMÁLARÁÐUNEYTIÐ  
*Ministry of Education, Science and Culture*



# LUNCH

12:00-12:45, FRIDAY, OCTOBER 11TH

Hosted by the Prime Minister of Iceland  
H.E. Katrín Jakobsdóttir



PRIME MINISTER'S OFFICE



# I AM INUIT

Exhibition

Location: Hafnarkot, Harpa Ground Level

I AM INUIT connects the world with Alaskan Inuit and the Arctic through common humanity.

Photographs by: Brian Adams

ORGANIZED BY:

Inuit Circumpolar Council



TAKE YOUR PICTURE AT THE PHOTO WALL  
LOCATION: HARPA, MAIN ENTRANCE  
#ArcticCircle2019

# FRIDAY, OCTOBER 11 – PLENARY SESSIONS 12:45 - 16:45

Location: Silfurberg, Harpa Second Level

## 🕒 12:45 – 13:25 CONNECTING THE ARCTIC: DATA CABLES AS GAME CHANGERS

Organized in cooperation with Arctic Economic Council

### SPEAKERS

**Frederic Vanoosthuyze**, Chief Technology and IT Officer, MegaFon, Russia

**Dag Kjetil Hansen**, CEO, Bredbåndsfylket Ltd., Norway\*

**Alexander Vlasov**, Director Carrier Services & Roaming, MegaFon

### CHAIR

**Heiðar Guðjónsson**, Chair, Arctic Economic Council

## 🕒 13:25 – 13:50 DIALOGUE WITH U.S. SENATOR LISA MURKOWSKI

### SPEAKER

Senator Lisa Murkowski, United States Senate

### CHAIR

**Össur Skarphéðinsson**, former Minister for Foreign Affairs of Iceland; Chair of Iceland's Commission on Greenland

## 🕒 13:50 – 14:20 VOICE OF STRENGTH: YOUTH ENGAGEMENT IN MENTAL WELLNESS EFFORTS IN THE ARCTIC

Organized in cooperation with the Government of Canada (Crown-Indigenous Relations and Northern Affairs)

### YOUTH PANEL

**Melody Teddy**, Tuktoyaktuk, Northwest Territories, Canada (Inuit/Canada)

**Simon Coady**, Ottawa, Ontario, Canada (Inuit/Canada)

**Byron Nikolai**, Toksook Bay, Alaska, USA (Yup'ik/USA)

### CHAIR

**Selma Ford**, Health Coordinator, Inuit Circumpolar Council – Canada

## 🕒 14:20 – 14:35 COFFEE BREAK

## 🕒 14:35 – 14:55 THE ICELANDIC CHAIRMANSHIP OF THE ARCTIC COUNCIL

### SPEECH

**H.E. Guðlaugur Þór Þórðarson**, Minister for Foreign Affairs, Iceland

### Questions and answers

### CHAIR

**Magnús Jóhannesson**, former Director of the Arctic Council Secretariat; Senior Advisor, Ministry for Foreign Affairs of Iceland

## 🕒 14:55 – 15:20 THE NEW RUSSIAN MINISTRY OF THE ARCTIC AND THE FAR EAST

### SPEAKER

**Yulia Kosareva**, Director of the International Department, Ministry for the Development of the Russian Far East and Arctic

### CHAIR

**H.E. Anton Vasiliev**, Ambassador of Russia to Iceland

## 🕒 15:20 – 16:00 ARCTIC-GLOBAL INDIGENOUS DIALOGUE

Organized in cooperation with Nia Tero

### SPEAKERS

**Kimaren Ole Riamit**, Maasai from Kenya, Executive Director, Indigenous Livelihoods Enhancement Partners (ILEPA)

**Gunn-Britt Retter**, Head of Arctic and Environmental Unit, Saami Council

**Rukka Sombolinggi**, Toraja from Indonesia, Secretary General of Indigenous Peoples Alliance of the Archipelago (AMAN)

**Joe Morrison**, Aboriginal Australian, Nia Tero

### CHAIR

**Peter Seligmann**, founding CEO, Nia Tero

## 🕒 16:00 – 16:25 CLIMATE CHANGE IMPACTS ON PACIFIC FISHERIES

Organized in cooperation with Conservation International

### SPEECHES

**The Honourable Semi Koroilavesau**, Minister of Fisheries, Fiji

**The Honourable Dalton Tagelagi**, Minister for Natural Resources, Niue

### CHAIR

**Jóhann Sigurjónsson**, Special Envoy on Ocean Affairs, Ministry for Foreign Affairs, Iceland

## 🕒 16:25 – 16:45 HOW RENEWABLE ENERGY CAN SAVE THE ARCTIC DIALOGUE WITH THE DIRECTOR-GENERAL OF IRENA

### SPEECH

**Francesco La Camera**, Director-General, International Renewable Energy Agency (IRENA)

### CHAIR

**Guðni A. Jóhannesson**, Director General, National Energy Authority of Iceland

## 🕒 16:45 – 17:00 COFFEE BREAK

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# FRIDAY, OCTOBER 11 – SESSIONS 17:00 - 18:30

Sessions are organized by partners of the Arctic Circle: associations, institutions, governments, companies, organizations, think tanks, universities, or other bodies.

## 17:00 – 18:30 THE RUSSIAN ARCTIC: FUTURE SCENARIOS

Organized by the International Arctic Social Sciences Association (IASSA); Russian State Hydrometeorological University (RSU); the Northern Forum; Arctic-COAST

**Location:** Silfurberg A, Harpa Second Level

### SPEAKERS

**Dmitriy A. Artyukhov**, Governor, Yamalo-Nenets Autonomous Okrug, Russia

**Roman Kopin**, Governor, Chukotka Autonomous Okrug, Russia

**Aleksandr V. Tsybulsky**, Governor, Nenets Autonomous Okrug, Russia

Overview of the Russia's Arctic Future Scenarios – 2050 Report

- **Andrey Petrov**, President, International Arctic Social Sciences Association; Director, ARCTICenter, University of Northern Iowa
- **Marya S. Rozanova**, Advisor, Russian State Hydrometeorological University; Professorial Lecturer, George Washington University

### DISCUSSANTS

**Lassi Heininen**, PhD, Research Director, University of Helsinki

**Mikhail A. Pogodaev**, Deputy Minister for the Arctic Development and Indigenous Peoples Affairs, Government of the Sakha Republic

### MODERATORS

**Andrey Petrov**, President, International Arctic Social Sciences Association, Director, ARCTICenter, University of Northern Iowa

**Valery L. Mikheev**, Rector, Russian State Hydrometeorological University

## 17:00 – 18:30 ARCTIC INNOVATION LAB: 15 IDEAS FOR A BETTER ARCTIC

Organized by Arctic Innovation Lab in partnership with Harvard Kennedy School, the Fletcher School of Law and Diplomacy at Tufts University, University of Alaska Fairbanks, University of Greenland, University of Iceland and Reykjavik University

**Location:** Norðurljós, Harpa Second Level

### SPEAKERS

**Guðbjörg Ríkey Thoroddssen Hauksdóttir**, PhD student, University of Iceland

**Gauri Gupta**, the Fletcher School of Law and Diplomacy, Tufts University

**Clark Yuan**, Harvard Kennedy School

**Emily Fry**, Harvard Kennedy School

**Alicia Nelson**, Harvard School of Public Health

**Siddarth Shrikanth**, Harvard Kennedy School

**Petter Nikolai Rønning**, President, The Student Parliament, UiT – The Arctic University of Norway

**Kyong Sa Ri**, Student, UiT – The Arctic University of Norway

**Maren Irene Gåre Bakkevoll**, Student, UiT – The Arctic University of Norway

**Aviaja Geisler Kristensen**, Aalborg University

**Jonathan Kamler**, University of Alaska Fairbanks

**Daniel Barrios Castilla**, Reykjavik University

**Kevin Dillman**, University of Iceland

**Renata Bade Barajas**, Reykjavik University

**Moderator:** **Brittany Janis**, Arctic Initiative Project Coordinator, Harvard Kennedy School of Government Belfer Center

## 17:00 – 18:30 ARCTIC GLACIERS AND ICE CAPS: RECENT MASS LOSS AND CONTRIBUTIONS TO GLOBAL SEA-LEVEL RISE

Organized by the Icelandic Meteorological Office, the Icelandic Arctic Cooperation Network and the International Arctic Science Committee (IASC)

**Location:** Kaldalón, Harpa Ground Level

### SPEAKERS

**Paul Morin**, Director, Polar Geospatial Center, University of Minnesota:  
ArcticDEM; How the Arctic Leads the Way in Understanding Topographic Change

**Martin Sharp**, Professor, Faculty of Science, University of Alberta, Canada:  
Recent Glacier Mass Loss in Arctic Canada and its Drivers

**Barbara Barzycka**, PhD candidate, Centre for Polar Studies, University of Silesia, Poland:  
Melting and Crumbling Arctic – Example of Svalbard's Glaciers

**René Forsberg**, Professor, Geodynamics group, DTU-Space, Denmark:  
Current Changes of the Greenland Ice Sheet as seen from Space and Airborne Campaigns

**Guðfinna Aðalgeirsdóttir**, Professor, University of Iceland:  
Mass Balance of Icelandic Glaciers in the Past and Future Projection

**Moderator:** **Þorsteinn Þorsteinsson**, Glaciologist, Icelandic Meteorological Office

## 17:00 – 18:30 BREAKING THE ICE: COOPERATION FOR SAFE AND RESPONSIBLE EXPLOITATION OF ARCTIC SEA ROUTES

Organized by EU Polar Cluster members: ARICE, KEPLER, ARCSAR, with ExtremeEarth

**Location:** Flói, Harpa Ground Level

### SPEAKERS

**Peter Hinchliffe OBE**, Former Secretary General International Chamber of Shipping, Independent Maritime Consultant

**Nicole Biebow**, Head of International Cooperation Unit, Alfred Wegener Institute:  
Overview of ARICE and ARICE Project and EU Polar Cluster

**Nick Hughes**, KEPLER Coordinator, Norwegian Meteorological Institute, Leader of the Norwegian Ice Service:

Overview of the KEPLER and ExtremeEarth Projects

**Industry Priorities Support Safe, Responsible, and Effective Industry Operations in the Arctic Ocean**

- **Mark van der Hulst**, Managing Director, Oceanwide Marine Services
- **Andrew Kendrick**, Vice President, Vard Marine Inc, Fincantieri Group, Ottawa, Canada

**Bent-Ove Jamtli**, Director of Joint Rescue and Coordination Centre Northern Norway (JRCC NN): Requirements for Monitoring and Supporting Search-And-Rescue Operations in the Arctic

**Vladimir Vlassov**, Associate Professor, Royal Institute of Technology (KTH), Stockholm:  
Development of Artificial Intelligence and Cloud-Based Computing to Provide Enhanced Arctic Information Products for Copernicus

**Moderator:** **Peter Hinchliffe OBE**, Former Secretary General International Chamber of Shipping, Independent Maritime Consultant

## 17:00 – 18:30 SCIENCE MEETS SOCIETY: TOWARD THE CO-DESIGNING OF ARCTIC RESEARCH

Organized by the Arctic Challenge for Sustainability (ArCS) Project, National Institute of Polar Research, Japan, JAMSTEC, Hokkaido University

**Location:** Rima A, Harpa Ground Level

### SPEAKERS

**Masao Fukasawa**, Project Director, Arctic Challenge for Sustainability (ArCS), Japan

**Atsushi Sunami**, Vice-president, National Graduate Institute for Policy Studies, Japan: Japan's Arctic Science and Policy Toward the Next Phase

**Uliana A. Vinokurova**, Professor, Director of the Centre of Circumpolar Civilization, Arctic State Institute of Art and Culture (Yakutsk, Russia):

What does Arctic Indigenous people want for non-Arctic countries

**Tetsuo Sueyoshi**, Project Associate Professor, National Institute for Polar Research (NIPR), Japan:  
Disseminating Information on the Arctic Climate Projection

**Natsuhiko Ohtsuka**, Arctic Research Center Hokkaido University, Japan  
Japan's story for study and business of the Northern Sea Route

**Takashi Kikuchi**: Marine ecosystem and Fishery

**Yuichiro Fujioka**, Lecturer, Graduate School of Social and Cultural Studies, Kyushu University: Co-producing of New Knowledge

**Daisuke Doi**, Deputy Director, Ministry of Education, Culture, Sports, Science and Technology (MEXT), Japan

**Moderator:** **Tetsuo Sueyoshi**, Associate Professor, National Institute of Polar Research

# FRIDAY, OCTOBER 11 – SESSIONS 17:00 - 18:30

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17:00 – 18:30

## FULBRIGHT IN THE ARCTIC – MEET THE SCIENTISTS

Organized by Fulbright Commission Iceland, in cooperation with the US State Department Bureau of Educational and Cultural Affairs and the National Science Foundation

**Location:** Háaloft, Harpa Eighth Level

### SPEAKERS

**Adam Netzer Zimmer**, PhD student, University of Massachusetts Amherst, Fulbright-NSF Arctic research fellow, University of Iceland: *Understanding Inequality through Icelandic Anatomical Collections*

**Nicholas Robinson**, PhD student, University of California Davis, Fulbright-NSF Arctic research fellow, University of Iceland: *Diversification and Sustainability of Subarctic Agriculture and Food Systems*

**Greta Wells**, PhD candidate, University of Texas Austin, Fulbright-NSF Arctic research fellow, University of Iceland: *Reconstructing Glacial Lake Outburst Floods along the Hvítá River and Gullfoss Waterfall*

**Lauren Fields**, Foreign Affairs Specialist, NOAA, Fulbright-MFA Arctic Scholar, University of Akureyri: *Fisheries Management: Iceland and the Central Arctic Ocean Agreement*

**Lára Jóhannsdóttir**, Professor, University of Iceland, Fulbright Arctic Initiative Scholar: *The Role of Non-Life Insurance Companies in Economic Development in the Arctic*

**Soili Nysten-Haarala**, Professor, University of Lapland, Fulbright Arctic Initiative Scholar: *Comparing Corporate Social Responsibility and Benefit Sharing Schemes of Resource Extracting Industries in the Arctic*

**Josée Lavoie**, Professor, University of Manitoba, Director, Indigenous Institute of Health and Healing: *Development of Optimal Models of Contracting in Health in Indigenous Environments*

**Katie Cueva**, Adjunct Assistant Professor, University of Alaska, Anchorage, Fulbright Arctic Initiative Scholar: *Community Health Workers in The Circumpolar North*

**Gwen Healy Akearok**, Co-Founder, Executive and Scientific Director, Quajigiarit Health Research Center: *Health Research Conducted Locally, by Northerners, and with Communities, in a Supportive, Safe, Culturally Responsive, and Ethical Environment*

**Christina Viskum Lytken Larsen**, Senior Researcher, National Institute of Public Health, University of Southern Denmark & University of Greenland: *Understanding Health Among Indigenous Populations in the Arctic*

### Overview of Fulbright Opportunities in the Arctic

- **Belinda Theriault**, Executive Director, Fulbright Commission Iceland

- **Michael Hawes**, Chief Executive Officer, Fulbright Canada

**Moderator:** Belinda Theriault, Executive Director, Fulbright Commission Iceland



17:00 – 18:30

## ENHANCED ARCTIC SECURITY COOPERATION

Organized by George C. Marshall European Center for Security Studies, Germany and Centre for Arctic Studies, University of Iceland

**Location:** Esja, Harpa Fifth Level

### SPEAKERS

**Marie-Anne Coninsx**, Ambassador at Large for the Arctic, European Union: *Mutations in the Arctic Political Security Landscape – Observations from the EU*

**Ólöf Hrefna Kristjánsdóttir**, Director International Operations, Defence Directorate, Ministry for Foreign Affairs Iceland in the Arctic, Security Challenges and Regional Cooperation

**Vice Admiral (ret) Lutz Feldt**, Director, Wise Pen International, Germany: *Change of the Military Situation in the Arctic*

**Professor Whitney Lackenbauer**, Canada Research Chair and Professor, Trent University, Canada: *An Important International Crossroads: A Canadian Perspective on the Changing Arctic Defence and Security Environment*

### MODERATORS

**Commander Andreas Hildenbrand**, Program Director European Security Seminar North, George C. Marshall European Center for Security Studies

**Margrét Cela**, Project Manager, Centre for Arctic Policy Studies, Institute of International Affairs, University of Iceland



17:00 – 18:30

## SMART SPECIALISATION IN THE ARCTIC REGIONS

Organized by European Commission's Joint Research Centre

**Location:** Björtuloft, Harpa Fifth Level

### SPEAKERS

**Alessandro Rainoldi**, Head of the Territorial Development Unit, Joint Research Centre, Directorate B – Growth and Innovation, European Commission: *Smart Specialisation Concept from the EU to the Arctic*

**Jukka Teräs**, Senior Research Fellow, Nordregio: *Smart Specialisation in Sparsely Populated European Arctic Regions*

**Lina Stanionyte**, Project Officer, Smart Specialisation Platform, Joint Research Centre, European Commission: *Good Practice Cases of Building Linkages in Smart Specialisation in the Arctic*

**Kristiina Jokelainen**, Director of International Relations and S3 Implementations for Lapland, Regional Council of Lapland: *Lapland's Leadership in Transnational S3 Partnerships*

**Moderator:** Inger Midtkandal, Science and Technology Counsellor, Research Council of Norway



17:00 – 18:30

## EMPOWERING RURAL AND ISLANDS COMMUNITIES: A DIALOGUE BETWEEN SCOTLAND AND THE ARCTIC

Organized by the Scottish Government

**Location:** Skarðsheiði, Harpa Third Level

### SPEAKERS

**H.E. Paul Wheelhouse**, Minister for Energy, Connectivity and the Islands, Scottish Government, Arctic Policy Framework and National Islands Plan: *The Scottish Government's Participative Approach at Empowering Rural Communities*

**Nicola Crook**, PhD Researcher, University of Strathclyde Centre for Environmental Law and Governance: *Scotland Paving the Way in Global Island Governance: From Rhetoric to Reality*

**Annastina Sarlin**, Manager, Nordic Archipelago Cooperation: *Empowering Islands Communities, A Nordic Perspective*

**Magnus Davidson**, Researcher, University of Highlands and Islands: *The Role of Academic Campuses in Rural and Islands Areas: The Case of The University of The Highlands and Islands*

**Sheila Downer**, Strategic Northern Liaison, Office of Public Engagement, Memorial University; Vice President, Finance, Development and Engagement, UArctic: *Connecting Communities and Businesses in Rural and Northern Areas*



17:00 – 18:30

## EU SPACE PROGRAMS FOR PEOPLE IN THE ARCTIC

Organized by the European Union: the European Commission's Directorate General for Internal Market, Industry, Entrepreneurship (DG GROW), the European External Action Service (EEAS) with the support of Finland under their Presidency of the Council of the EU

**Location:** Viðey, Harpa Second Level

### SPEAKERS

**Paul Flament**, Head of Unit, Galileo and EGNOS Programme Management, European Commission: *EU Space Programmes, Today and in the Future*

**Éric Laliberté**, Director General, Space Utilization, Canadian Space Agency, Canadian Space: *Initiatives and their Benefits to the Arctic*

**Elisabeth Hamdouch**, Deputy Head of Unit, Copernicus Infrastructure Unit, European Commission: *Evolution in the EU's Copernicus Services to Meet Priority User Needs in the Arctic*

**Jouni Pulliainen**, Director of Space and Arctic Research, Finnish Meteorological Institute: *Perspective on Different Use-Cases in the Arctic*

**Michael Kern**, Scientist, Advisory Committee for Earth Observation, European Space Agency: *Evolution of the European Earth Observation Space Assets to Meet Priority User Needs in the Arctic*

**Kimmo Kanto**, Head of Space, Business Finland:

**A Perspective of the Finnish Presidency of the EU Council on the Space Business Ecosystem**

**Dan-Claudiu Chirondoian**, Director of JRC Space, Security and Migration: *The Studies Performed by JRC on the Synergies Between Different Space Programmes for the Arctic.*

**Gunn-Britt Retter**, Head of the Arctic and Environment Unit, Saami Council: *Living in the Arctic – Climate Change and Needs for Information and Services*

**Reinhard Blasi**, Project Officer, GSA: *Overview of Current and Future Market Uptake Activities for EGNSS Services*

**Snorre Greil**, Project Manager and the National Competent Authority Representative for CleanSeaNet and Copernicus, Icelandic Coast Guard: *Ship Routing and Navigation*

**Moderator:** Kamil Kiljański, Head of Unit, Space Data for Societal Challenges and Growth, European Commission

# FRIDAY, OCTOBER 11 – SESSIONS 17:00 - 18:30

Sessions are organized by partners of the Arctic Circle: associations, institutions, governments, companies, organizations, think tanks, universities, or other bodies.

## 17:00 – 18:30 POLAR LAW: THE LAW OF INDIGENOUS PEOPLES

Organized by the University of Akureyri

**Location:** Stemma, Harpa Ground Level

### SPEAKERS

**Tukumminnguag Nykjær Olsen**, M.A. Candidate, Ilisimatusarfik – University of Greenland: Inuit Legal Principles and Living Resource Management in Kalaallit Nunaat

**Kamrul Hossain**, Research Professor & Director, Northern Institute for Environmental and Minority Law, University of Lapland: Negotiating the Rights of Indigenous Peoples within the Framework of International Law

**Tanja Joona**, Senior Researcher, Arctic Centre, University of Lapland: Indigenous Peoples' Land Rights in Finland and Sweden – Contemporary Perspectives

**Antje Neumann**, Assistant Professor, Faculty of Law, University of Akureyri: Protecting the Sacred in the Finnish Sápmi: Settings and Challenges

## 17:00 – 18:30 NORTH AT THE CENTER: CREATIVITY & THE FUTURE OF PLACE

Organized by Anchorage Museum

**Location:** Rima B, Harpa Ground Level

### SPEAKERS

**Julie Decker**, Director/CEO, Anchorage Museum  
**Marek Ranis**, Associate Professor, University of North Carolina at Charlotte, and Curator-at-Large, Anchorage Museum

**Monica Shah**, Director of Collections, Anchorage Museum

**Bodil Kjelstrup**, Curator, Anchorage Museum and Nordnorsk Kunstmuseum

## 17:00 – 18:30 TECHNOLOGY TRANSFER AND THE ARCTIC – MOBILIZING SCIENCE ACROSS THE NORDICS

Organized by Auðna – Technology Transfer Office Iceland, Aalto University, Finland and the Technical University of Denmark (DTU)

**Location:** Icelandic Ministry of Industries and Innovation – see map

### SPEAKERS

**Dag Finne**, Head of Marine, VIS Innovasjon, Norway

**Einar Mäntylä**, CEO, Auðna – Technology Transfer Office Iceland

**Janne Laine**, Vice President of Innovation, Aalto University, Finland

**Javier L. Arnaut**, Assistant Professor of Economics, Ilisimatusarfik – University of Greenland

**Michael André Jonsson**, Senior Business Developer, DTU Technology Transfer Office, Denmark

**Peter Deakin**, Innovation Advisor, Chalmers University of Technology Innovation Office, Representative of SNITTS, Sweden

**Moderator:** **Mona Wan**, Associate Director, Stanford Office of Technology Licensing, US

## 17:00 – 18:30 FAITH AND COMMUNITY ENGAGEMENT FOR SDGS IN THE ARCTIC

Organized by Evangelic Lutheran Church of Iceland; Institute on Religion and Reconciliation (IRR); Institute of Theology, University of Iceland; Faith and Community (F&C)

**Location:** Culture House (Þjóðmenningarhúsið) – see map

### SPEAKERS

**Mark MacDonald**, Indigenous Bishop, Anglican Church in Canada; Chairman, World Council of Churches in North America

**Peter Fischer-Møller**, Bishop of Roskilde; Member, Executive Committee of the Danish Counsel of Churches; Participant, Working Group on the Green Church in Denmark

**Cassandra Carmichael**, Executive Director, National Religious Partnership for the Environment, Washington DC, US

**Beatrice Dossah**, Programme Officer, Environmental Protection Agency Ghana and United Nations University Land Restoration Training Programme, Iceland

**Jim Antal**, Special Advisor on Climate Justice to the General Minister, President, United Church of Christ

**Moderator:** **Arnfríður Guðmundsdóttir**, Professor, Member of the Board of the Institute on Religion and Reconciliation

**Commentator:** **Kristján Björnsson**, Bishop in Skálholt Diocese, Iceland, Member of the Board of IRR

## 17:00 – 18:30 ARCTIC WETLANDS: HOW CAN THEY CONTRIBUTE TO CLIMATE CHANGE MITIGATION AND HEALTHY ECOSYSTEMS?

Organized by Stockholm Environment Institute (SEI), Conservation of Arctic Flora and Fauna (CAFF) working group of the Arctic Council, Swedish Environmental Protection Agency (SEPA), Icelandic Institute of Natural History (NI) and the Agricultural University of Iceland (AUI)

**Location:** Hafnarkot, Harpa Ground Level

### SPEAKERS

**Tom Barry**, Executive Secretary, Conservation of Arctic Flora and Fauna Secretariat (CAFF): Brief Intro on Wetlands within Arctic Council/CAFF

**Marcus Carson**: Resilience and Management of Arctic Wetlands

**Borgþór Magnússon**, Research Scientist, Icelandic Institute of Natural History: Wetlands of Iceland: Status and Restoration?

**Victoria Rose Buschman**, Conservation of Arctic Flora and Fauna Working Group of the Arctic Council (CAFF); University of Washington: Indigenous Perspectives and Engagement in Wetlands Management

**Eyþór Eðvarðsson**, Icelandic Wetland Fund, Restoring Wetlands: Getting Things Moving

## 17:00 – 18:30 SMART AND CONNECTED ARCTIC ENGINEERING – THE KEY TO A BETTER LIFE IN THE COLD

Organized by International Arctic Science Committee (IASC)

**Location:** Þór Icelandic Coast Guard Vessel – see map

### SPEAKERS

**Anne Barker**, Arctic Program Leader, National Research Council, Government of Canada: Engineering Research for Robust Arctic Community Infrastructure

**Tatiana Alekseeva**, Scientific Researcher, Arctic and Antarctic Research Institute: Recent Climate Changes of Sea Ice and its Influence on the Arctic Infrastructure

**Natsuhiko Otsuka**, Professor, Hokkaido University Arctic Research Center: Commercial and Navigational Feasibility of the Northern Sea Route

**Vladislav Isaev**, Leading Researcher, Moscow State University: Arctic Coastal Retreat – Risk for the Indigenous People and Industrial Projects

**Hajime Yamaguchi**, Professor, Department of Ocean Technology, Policy, and Environment, The University of Tokyo: Outlook on Maritime Transport for Sustainable Arctic

### MODERATORS

**Hajime Yamaguchi**, Professor, Department of Ocean Technology, Policy, and Environment, The University of Tokyo, Japan

**Alevtina Evgrafova**, PhD candidate, Institute of Geography, Soil Science Group, University of Bern, Switzerland

## 17:00 – 18:30 ARCTIC-GLOBAL INDIGENOUS DIALOGUE: INDIGENOUS GUARDIANSHIP, SELF-GOVERNANCE AND GLOBAL BIODIVERSITY

Organized by Nia Tero and Arctic Circle

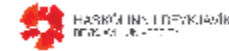
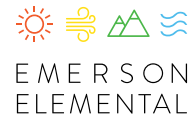
**Location:** Akrafjall, Harpa Fourth Level

Open, consultative meeting

### CHAIR

**Peter Seligmann**, CEO, Nia Tero





## NORTH ATLANTIC STRATEGIC PARTNERS



# FRIDAY, OCTOBER 11 – SESSIONS 18:30 - 19:30

Sessions are organized by partners of the Arctic Circle: associations, institutions, governments, companies, organizations, think tanks, universities, or other bodies.

## 18:30 – 19:30 CONNECTING ARCTIC SCIENCE WITH SOCIETY: LESSONS LEARNED AND PROGRESS

Organized by EU-PolarNet and Nunavartuk (Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research)

**Location:** Silfurberg B, Harpa Second Level

### SPEAKERS

**Attilio Gambarbella**, Policy Officer, European Commission: EC Statement on its Role in Arctic Research for Society

**Kirsi Latola**, Research coordinator, Thule Institute, University of Oulu: Stakeholder Engagement in Arctic Research – Lessons learned

**Joan Nymand Larsen**, Professor, University of Akureyri and Stefansson Arctic Institute: Science for Socioeconomic Adaptation – An Example from the Arctic Coasts

**Marie-Noelle Houssais**, Research Director, CNRS-LOCEAN, Chargée de mission, National Institute of Universe Sciences, National Center for Scientific Research, France: Co-Developing Research that Benefits Society – Lessons Learned

**Nicole Biebow**, Head of International Cooperation Unit, Alfred Wegener Institute: Implementing Science for Society – Next Steps

**Moderator:** Hugues Lantuit, Nunataryuk Project Coordinator, Alfred Wegener Institute, Germany

## 18:30 – 19:30 NORTHERN NATION BUILDING: FOUR BIG VISIONS TRANSFORMING CANADA'S ARCTIC

Organized by Hill+Knowlton Strategies and NORSTRAT Consulting Inc., Ottawa, Canada

**Location:** Culture House (Þjóðmenningarhúsið) – see map

### SPEAKERS

**John Higginbotham**, Sr. Fellow, Centre for International Governance Innovation: Canada's New Arctic Policy Framework: Time to Think Big Again

**Catherine MacQuarrie**, Deputy Secretary, Federal Engagement, Executive and Indigenous Affairs, Government of Northwest Territories, Canada: A Vision for Strengthening Canada's Position in The Arctic

**Madeleine Redfern**, Mayor of Iqaluit, Canada: Big Visions for Small Communities

**Brian Burke**, Executive Director, Nunavut Fisheries Association: Harnessing Science and Harvesting Fish: Sustainable Fisheries Management by and for the Northerners

**Moderator:** Lee Carson, President, NORSTRAT Consulting Inc

## 18:30 – 19:30 CHANGING FRESHWATER RESOURCES: SOCIAL, ETHICAL AND ENVIRONMENTAL IMPLICATIONS

Organized by Icelandic Arctic Cooperation Network; Icelandic Meteorological Office; Marine & Freshwater Institute; University

of Akureyri; and Rif Research Station, International Arctic Science Committee (IASC)

**Location:** Kaldalón, Harpa Ground Level

### SPEAKERS

**Jón S. Ólafsson**, Senior Scientist, Marine & Freshwater Research Institute: State of the Arctic Freshwater Biodiversity

**Jónína Sigríður Þorlákssdóttir**, Station Manager, Rif Field Station, Northeast-Iceland

**Jill R. Welter**, PhD, Program Coordinator and Instructor, Masters Program in Climate Change and Global Sustainability, School for International Training, Graduate Institute, University Centre of the Westfjords, Iceland: Nutrient Transport and Cycling in Arctic Freshwaters: Potential Trajectories and Implications for Food Webs

**Skúli Skúlason**, Professor, Hólar University College and the Icelandic Museum of Natural History: The Value of Biodiversity in Northern Freshwaters: Implications for Society and Ethics of Nature

**Þorvarður Árnason**, Director, University of Iceland's Research Centre in Hornafjörður: Picturing the Climate Crisis: 3D Visualizations of Glacier Recession as a Vehicle for Environmental Communication

**Victoria Rose Buschman**, Conservation of Arctic Flora and Fauna Working Group of the Arctic Council (CAFF); University of Washington: Indigenous Connections to Changing Freshwater Resource

**Halldór Björnsson**, Climatologist

**Moderator:** Þorsteinn Þorsteinsson, Glaciologist, Icelandic Meteorological Office

## 18:30 – 19:30 ARCTIC (IN)SECURITIES: OLD AND NEW

Organized by Centre for Arctic Studies, University of Iceland

**Location:** Háalof, Harpa Eighth Level

### SPEAKERS

**Page Wilson**, Associate Professor, University of Iceland Costs, Capabilities and Coordination: NORDEFCO at Ten

**Silja Bára Ómarsdóttir**, Associate Professor, International Affairs, Faculty of Political Science, University of Iceland: Iceland's Foreign and Security Policy

**Maria Ackrén**, Associate Professor, Ílisimatusarfik (University of Greenland): The Triangle Drama of Pituffik/Thule?

**Marc Lanteigne**, Associate Professor, UiT – The Arctic University of Norway: The Rule that Disproves the Exception? How the Arctic Became Securitised

**Maria Lagutina**, Associate Professor, St Petersburg State University: Russia's Arctic Security Policy

**Moderator:** Page Wilson, Associate Professor, University of Iceland

## 18:30 – 19:30 PRESERVING ARCTIC LANGUAGES: A WEST NORDIC PERSPECTIVE

Organized by the West Nordic Council

**Location:** Esja, Harpa Fifth Level

### SPEAKERS

**Sigríður Sigurjónsdóttir**, Professor of Icelandic Linguistics, University of Iceland

**Jóhanna Vigdís Guðmundsdóttir**, Director of Almennarómur – Center for Language Technology

**H.E. Lilja Alfreðsdóttir**, Minister for Education, Science and Culture, Iceland

### PANEL

**Vivian Motzfeldt**, President, the West Nordic Council, Member of Inatsisartut, the Greenlandic Parliament

**Henrik Old**, Member of the Faroese Parliament; Second Vice President, West Nordic Council

**Guðjón S. Brjánsson**, Member of the Icelandic Parliament; First Vice President, West Nordic Council

**Moderator:** Sigurður Ólafsson, Secretary General, West Nordic Council

## 18:30 – 19:30 CROSSROADS: ACTION NOW – ENGAGING THIS GENERATION TO SAVE THE NEXT – ARCTIC EDUCATION

Organized by UiT – The Arctic University of Norway; Maine North Atlantic Institute, University of Southern Maine; Reykjavik University; University of Akureyri; University of Iceland

**Location:** Akrafjall, Harpa Fourth Level

### SPEAKERS

**Ari Kristinn Jónsson**, PhD, Rector, Reykjavik University: Engaging Graduate Students in Projects to Meet Immediate Economic and Environmental Challenges

**Anne Husebekk**, Rector, UiT – The Arctic University of Norway, Chair, Fram Centre Advisory Board: Sustainability for the Next Generation(s) through Research and Education

**Judy Tupper**, DHEd, Director, Population Healthy and Policy Program, University of Southern Maine: Advancing Academic Collaboration Between Arctic and Non-Arctic Institutions: Facilitators and Challenges

**Rafn Helgason**, Student, University of Iceland: The Student Perspective: How to Engage This Generation to Save the Next?

**Moderator:** Eyjólfur Guðmundsson, Rector, University of Akureyri

# FRIDAY, OCTOBER 11 – SESSIONS 18:30 - 19:30

Sessions are organized by partners of the Arctic Circle: associations, institutions, governments, companies, organizations, think tanks, universities, or other bodies.

## 18:30 – 19:30 SUSTAINABLE TOURISM DEVELOPMENT IN THE ARCTIC

Organized by Polar Research and Policy Initiative (PRPI), United Kingdom

**Location:** Icelandic Ministry of Industries and Innovation – see map

### SPEAKERS

**Shaleen Woodward**, Deputy Secretary, Indigenous and Intergovernmental Affairs, Government of Northwest Territories, Canada

**Chris Horbel**, Associate Professor, Department for Cultural and Social Studies, Norwegian School of Sports Sciences; Associate Professor, Department of Sociology, Environmental and Business Economics, University of Southern Denmark (SDU)

**Nathan Reigner**, Principal, Recreation & Tourism Science, US

**Sarah Johnson**, CEO, We Are LOTUS, UK

**Alexa Tonkavich**, Consultant, We Are LOTUS, US

**Terzah Tippin Poe**, Lecturer, Harvard University; US Lead, Polar Research and Policy Initiative, US

**Jonathan Turner**, Director, NLA International, UK

**Høgni Reistrup**, Advisor to the Mayor, Torshavn Municipality, Faroe Islands

**Nils Arne Johnsen**, Director, Regional Business Development, Troms County Council, Norway

**Moderator:** Dwayne Ryan Menezes, Founder & Managing Director, Polar Research and Policy Initiative, UK

## 18:30 – 19:30 SMALL SCALE & SUSTAINABLE ENERGY IN THE NORTH

Organized by Cold Regions Research and Engineering Laboratory (CRREL) at the U.S. Army Engineer Research and Development Center

**Location:** Hafnarkot, Harpa Ground Level

### SPEAKERS

**Gwen Holdmann**, Director, Alaska Center for Energy and Power, University of Alaska Fairbanks: Microgrids and Rural Community Power Generation

**Robert Yost**, President, American Wind Inc; Inventor of the Microcube wind turbine: Compact Wind in the Arctic

**Mary Albert**, PhD, Professor and Executive Director of the U.S. Ice Drilling program, Dartmouth: Energy Needs of a Rural Community in the Arctic – Qaanaaq Greenland

**Arnór Eiddsson**, Árteigur: Micro Hydro in the Arctic

**Joachim Karthäuser**, CTO & Founder, Climeon:

Modular Geothermal in the Arctic

**Moderator:** Viktoria Gisladdottir, PhD, Research Mechanical Engineer, Cold Regions Research and Engineering Laboratory (CRREL), U.S. Army Engineer R&D Center

## 18:30 – 19:30 RESTORING SEA ICE IN THE ARCTIC – BUILDING GLOBAL AND LOCAL COLLABORATIONS

Organized by Ice911

**Location:** Björtuloft, Harpa Fifth Level

### SPEAKERS

**Peter Wadhams**, Professor Emeritus, Head of the Polar Ocean Physics Group in the Department of Applied Mathematics and Theoretical Physics, University of Cambridge

**Nagruk Harcharek**, Director, Barrow Operations and Vice President of Ukpeagvik Inupiat Corporation Lands

**Leslie Field**, Founder and CEO, ICE911 Research; Lecturer, Stanford

**Anthony Manzara**, Scientist, Ice911 Research

**Moderator:** Stephanie Lapensee, Senior Vice President, Philanthropy and Strategic Partnerships, Ice911

## 18:30 – 19:30 COMMUNITY OF PRACTICE IN THE ARCTIC: PATIENT ENGAGEMENT IN GREENLAND AND THE NORTHWEST TERRITORIES

Organized by Institute for Circumpolar Health Research

**Location:** Silfurberg A, Harpa Second Level

### SPEAKERS

**Christina Viskum Lytken Larsen**, Senior Researcher, National

*Institute of Public Health, University of Southern Denmark & University of Greenland*

**Ingelise Olesen**, Indigenous Research Coordinator, Centre for Public Health in Greenland, University of Greenland and University of Southern Denmark

**Christine Ingemann**, Scientific Assistant, Centre for Public Health in Greenland, University of Greenland and University of Southern Denmark

**Felix Lockhart**, Dene Elder, Traditional Advisor and Facilitator; Member of Community of Practice

**Moderator:** Kimberly Fairman, Executive Director, Institute for Circumpolar Health Research

## 18:30 – 19:30 WHAT IS SUSTAINABLE DEVELOPMENT IN THE ARCTIC AND ARE COMPANIES PROMOTING IT?

Organized by WWF – World Wildlife Fund/World Wide Fund for Nature

**Location:** Viðey, Harpa Second Level

### SPEAKERS

**Valerie Fogleman**, Professor of Law; Consultant, Cardiff University School of Law and Politics; Stevens & Bolton LLP:

*Offshore Oil and Gas Operations: Are liability and Financial Security Systems for Harm to Human Health and the Environment Adequate?*

**Kirt Ejesiak**, Chairman & CEO, Arctic UAV Inc.: Development in the Arctic: Perspectives from Nunavut

**Heiðar Guðjónsson**, Managing Director, Ursus; Chairman, Arctic Economic Council: The Arctic Investment Protocol

**Anthony Field**, WWF-UK Arctic Sustainable Development Manager: New Research on Main Business Sectors Operating in the Arctic

**Moderator:** Anthony Field, WWF-UK Arctic Sustainable Development Manager

## 18:30 – 19:30 SUPERCOMPUTING FOR INTERNATIONAL ARCTIC SCIENCE

Organized by The National Renewable Energy Laboratory (NREL), Golden, Colorado, US; United States Department of Energy (US DOE)

**Location:** Rima A, Harpa Ground Level

### SPEAKERS

**Steven Hammond**, Director, Computational Science Center, National Renewable Energy Laboratory, Colorado, US

**Ari Kristinn Jónsson**, PhD, Rector, Reykjavik University

**Robert K. Dixon**, Senior Director for Strategic Initiatives, Office of International Affairs, Department of Energy, Washington, DC, US

**David Martin**, Manager of Industry Partnerships and Outreach, Argonne National Laboratory, Illinois, US

**Bob Fletcher**, VP Strategy, Verne Global, Massachusetts, US

**Moderator:** William Patrowicz, CEO, Kaiser Global, New York, US

## 18:30 – 19:30 BRAZIL AND THE SUSTAINABILITY OF THE ARCTIC

Organized by SE2T International, Ltd; & Hellebust International Consulting AS (Norway)

**Location:** Flói, Harpa Ground Level

### SPEAKERS

**Sergio Trindade**, President, SE2T International, Ltd: Sustainability of the Build-Operate-Decommission Cycle: The Context for Brazil in the Arctic

**Celma Regina Hellebust**, President, Hellebust International Consulting AS: Decommissioning of Oil and Gas Facilities in High Stake Environments – The Brazilian Experience

**Leonardo Mattos**, Professor, Brazilian Navy War College: The Brazilian Experience in Antarctica and its Relevance to the Arctic



# FRIDAY, OCTOBER 11 – SESSIONS 18:30 - 19:30

## 18:30 – 19:30 A VISION FOR SHIPPING IN THE ARCTIC

Organized by Clean Arctic Alliance

**Location:** Þór Icelandic Coast Guard Vessel – see map

### SPEAKERS

**Pen Hadow**, Arctic Ocean explorer, oceanographer and conservationist; Director, 90 North

**Pam Pearson**, Director, International Cryosphere Climate Initiative

**Sian Prior**, Lead Advisor, Clean Arctic Alliance

**Sean P. Thomas**, Vice-President, Crowley Maritime Corporation: Innovations in Arctic Logistics

**Moderator: Pen Hadow**, Arctic Ocean explorer, oceanographer & conservationist; Director, 90 North

- **Mike Meredith**, Oceanographer and Science Leader, British Antarctic Survey

**Geir Ottersen**, Senior Research Scientist, Norwegian Institute of Marine Research:

*Rising Temperatures and Melting Ice: Challenges and Possible Responses to Changes in Arctic Marine Ecosystems and Fisheries*

**Niila Inga**, former President, Swedish Sami Association: *Effects of a Changing Climate on Reindeer Husbandry in Sápmi*

**Pétur Halldórsson**, Chair, Icelandic Youth Environmentalist Association: *Climate Change in the Arctic – the Perspective of Youth*

**Gary Kofinas**, Professor Emeritus, Natural Resource Policy and Management, University of Alaska Fairbanks: *Resilience in a Rapidly Changing Arctic*

**Moderator: Peter Winsor**, Director of WWF Arctic Programme

## 18:30 – 19:30 CLIMATE CHANGE IN THE ARCTIC: WHERE DO WE GO FROM HERE?

Organized by WWF Arctic Programme

**Location:** Skarðsheiði, Harpa Third Level

### SPEAKERS

The IPCC Special Report on the Ocean and Cryosphere: Implications for a Changing Arctic

- **Martin Sommerkorn**, Head of Conservation, WWF Arctic Programme and Coordinating Lead Author of the Polar Regions chapter of the IPCC SROCC

## 18:45 – 20:30 ICELAND VS. FRANCE FOOTBALL MATCH SCREENING

Organized by Embassy of France, Reykjavík

**Location:** Ríma B

## 19:30 – 20:30 RECEPTION

### OPEN TO ALL ASSEMBLY ATTENDEES

Hosted by Minister for Foreign Affairs of Iceland H.E. Guðlaugur Þór Þórðarson

**Location:** Norðurljós Hall, Harpa Second Level



## RECEPTION

19:30-20:30, FRIDAY, OCTOBER 11TH

Hosted by **H.E. Guðlaugur Þór Þórðarson**,  
Minister for Foreign Affairs of Iceland

**Location:** Norðurljós, Harpa Second Level

Open to all Assembly attendees



MINISTRY FOR FOREIGN  
AFFAIRS OF ICELAND

# FRIDAY, OCTOBER 11 – SESSIONS 20:30 - 21:30

## 20:30 – 21:30 RECEPTION: MODERN GREENLANDIC CULTURE

Hosted by Sermersooq Municipality, Greenland

**Location:** Norðurbryggja, Harpa Ground Level

Guests will have the opportunity to taste Greenland's vibrant culinary traditions, with a modern twist.

PERFORMANCES BY NANOOK AND SMALL TIME GIANTS

### WELCOME

Charlotte Ludvigsen, Mayor of Sermersooq Municipality, Greenland

## 20:30 – 21:30 UARCTIC CONGRESS 2020: COMING TO ICELAND

Organized by UArctic, University of Akureyri, Bifröst University, University Centre of the Westfjords, University of Iceland, Reykjavik University, Iceland University of the Arts, Hólar University College, and the Agricultural University of Iceland

**Location:** Björtuloft, Harpa Fifth Level

### SPEAKERS

Lars Kullerud, President, UArctic:  
Welcome and General Information on UArctic Congress 2020

Eyjólfur Guðmundsson, Rector, University of Akureyri:

Welcome from the Host Organizations, and Overview on the UArctic Congress 2020 Program

Kirsi Latola, Research coordinator, Thule Institute, University of Oulu:  
UArctic Congress 2020 Science Section and Call for Session Proposals

## 20:30 – 21:30 CIRCUMPOLAR EMPOWERMENT: THE PAN-ARCTIC VISION OF A UNITED NORTH

Organized by Troms County Council, Arts Council Norway, Arctic Arts Festival and Nordting

**Location:** Silfurberg A, Harpa Second Level

### SPEAKERS

Ragnheidur Skuladottir, Director, Arctic Arts Festival, Iceland

Liv Hanne Haugen, Artist, Nordting (The Northern Assembly)

Erik Stifjell, Artist, Nordting (The Northern Assembly)

**Moderator:** Amund Sjølie Sveen, Founder – Nordting (The Northern Assembly)

## 20:30 – 21:30 DIGITALIZING PUBLIC INVOLVEMENT IN ARCTIC BLUE GROWTH

Organized by High North Center for Business and Governance, Nord University, Bodø, Norway

**Location:** Skarðsheiði, Harpa Third Level

A UN SDG sustainability workshop for Blue Economy projects using digitalizing tools

### SPEAKERS

Karin Berentsen, Founder, ARCT AS: Principal and founder of ARCT AS: ARCT – A Digital Dialogue Tool for Better Public Involvement and Mapping how the UN SDGs Affects a Project

Andreas Raspotnik, Senior Researcher, High North Center for Business and Governance, Nord University Business School: AlaskaNor – Opportunities for Blue Growth in Alaska and North Norway

**Moderator:** Trine Jonassen, Communications Advisor, High North Center for Business and Governance, Nord University Business School

## 20:30 – 21:30 A NEW BOARDGAME FOR A CHANGING ARCTIC

Organized by ArCS (Arctic Challenge for Sustainability), Japan

**Location:** Akrafjall, Harpa Fourth Level

### SPEAKERS

Tetsuo Sueyoshi, Project Associate Profesor, National Institute of Polar Research (NIPR), Japan:

Japan's National Program Arctic Challenge for Sustainability (ArCS)

Hajime Kimura, Engineer, Japan Agency for Marine-Earth Science and Technology (JAMSTEC): The Key Concept of the Arctic Board Game: Arctic Science and Governance

Tomokazu Fukui, Science Communicator, National Museum of Emerging Science and Innovation (Miraikan):  
Changing Arctic and Science Communication: Why the Board Game?



# CHINESE ARCTIC RESEARCH EXPEDITIONS

EXHIBITION

**Location:** Harpa Corner, 2nd Level

## ORGANIZED BY:

Ministry of Natural Resources of the P. R. China,  
Embassy of the P. R. China in Iceland

**Sponsored by:** Polar Research Institute of China



# SATURDAY, OCTOBER 12 – SESSIONS 8:00 - 9:00

## 08:00 – 09:00 US HIGH ARCTIC RESEARCH CENTER

Organized by University of Alaska Fairbanks (UAF) Geophysical Institute

**Location:** Esja, Harpa Fifth Level

### SPEAKERS

**Nettie La Belle-Hamer**, *University of Alaska Fairbanks (UAF), Geophysical Institute; Director, Alaska Satellite Facility; Deputy Director, Geophysical Institute*

**Lori Parrott**, *Manager, Atmospheric Sciences, Sandia National Laboratories (SNL)*

## 08:00 – 09:00 SECURING SNOW FOR WINTER TOURISM

Organized by EIT Climate-KIC

**Location:** Akrafjall, Harpa Fourth Level

### SPEAKERS

**Ilona Mettiäinen**, *Researcher, Arctic Centre, University of Lapland: Securing Snow for Winter Tourism – How can a Climate Service Help?*

**Martin Coath**, *Senior Affiliated Researcher, Arctic Centre, University of Lapland; Associate lecturer, School of Geography, Earth and Environmental Sciences, University of Plymouth: Bridging the Gap Between Science and Snowmaking – Presenting Seasonal Forecast in a Meaningful Way for Business Decisions*

## 08:00 – 09:00 MARINE SUSTAINABILITY CHALLENGES IN THE ARCTIC

Organized by University of Iceland

**Location:** Ríma B, Harpa Ground Level

### SPEAKERS

**Lára Jóhannsdóttir**, *Professor, Environment and Natural Resources, University of Iceland: Systemic Risk of Maritime-Related Oil Spills in the Arctic*

**Catherine Chambers**, *Director, Coastal and Marine Management, University Centre of the Westfjords: Good Marine Governance: Social Aspects of Fisheries and Aquaculture*

**Laura Malinauskaite**, *PhD candidate, Environment and Natural Resources, University of Iceland: Socio-Cultural Valuation of Ecosystem Services of Whales in Skjálfandi Bay, Iceland*

**David Cook**, *Post-doctoral Researcher, Environment and Natural Resources, University of Iceland: Evaluating the Marine EBM of Whale Sanctuaries in the Arctic – The Cases of Faxaflói Bay and Ninginganiq*

#ArcticCircle  
#ArcticCircle2019  
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# ARCTIC CIRCLE JAPAN FORUM

November 2020

In connection to  
the Arctic Science Ministerial Meeting

Location: Tokyo





# SATURDAY, OCTOBER 12 – PLENARY SESSIONS 09:00 - 11:15

🕒 09:00 – 09:30 **NEW ARCTIC POLICIES**

## **I. SPEECH: SCOTLAND'S FIRST ARCTIC POLICY FRAMEWORK**

**Paul Wheelhouse MSP**, *Minister for Energy, Connectivity and the Islands, Scottish Government*

Questions and answers

## **II. SPEECH: SWITZERLAND'S ARCTIC POLICY**

**Ambassador Stefan Estermann**, *Head of the Sectoral Foreign Policies Division, Swiss Federal Department of Foreign Affairs*

Questions and answers

## **CHAIR**

**Frederik Paulsen**, *Founding Member, Swiss Polar Institute, Lausanne*

🕒 09:30 – 10:00

## **GREENLAND ON THE WORLD STAGE: DIALOGUE WITH DIPLOMATS IN WASHINGTON, BRUSSELS, REYKJAVÍK AND COPENHAGEN**

### **DIALOGUE**

**Jacob Isbosethsen**, *Head of Representation, Greenland Representation to Iceland, Reykjavik*

**Mininnguaq Kleist**, *Head of Representation, Greenland Representation to the E.U., Brussels*

**Inuuteq Holm Olsen**, *Head of Representation, Greenland Representation to the United States and Canada, Washington, DC*

**Lida Skifte Lennert**, *Head of Representation, Greenland Representation in Copenhagen, Denmark*

### **CHAIR**

**H.E. Ólafur Ragnar Grímsson**, *Chairman Arctic Circle*

🕒 10:00 – 10:20

## **CarbFix – TURNING CO<sub>2</sub> TO STONE**

### **SPEECH**

**Edda Sif Aradóttir**, *Project Manager, Orkuveita Reykjavíkur – Reykjavik Energy*

🕒 10:20 – 10:35

## **VATNAJÖKULL NATIONAL PARK: A NEW UNESCO WORLD HERITAGE SITE**

### **SPEECH**

**H.E. Guðmundur Ingi Guðbrandsson**, *Minister of Environment and Natural Resources, Iceland*

🕒 10:35 – 11:15

## **INUIT: THE FUTURE WE WANT**

Organized in cooperation with Inuit Circumpolar Council

### **OPENING**

**H.E. Ólafur Ragnar Grímsson**, *Chairman Arctic Circle*

### **PANEL**

**Verner Hammeken**, *CEO, Royal Arctic Line A/S, Greenland*

**Valerie Davidson**, *former Lieutenant Governor, State of Alaska*

**Sara Olsvig**, *Director, UNICEF, Greenland*

**Natan Obed**, *President, Inuit Tapiriit Kanatami, the national Inuit organization of Canada*

### **CHAIR**

**Dalee Sambo Dorough**, *Chair, Inuit Circumpolar Council*

🕒 11:15 – 11:30

## **COFFEE BREAK**

# #EARTH #ART BUT NOT ONLY...

## **EXHIBITION**

**Location:** Norðurbryggja, Harpa Ground Level

## Images from the Copernicus Earth Observation Programme

## **ORGANIZED BY:**

European Union – Copernicus



# SATURDAY, OCTOBER 12 – SESSIONS 11:30 - 12:15

Sessions are organized by partners of the Arctic Circle: associations, institutions, governments, companies, organizations, think tanks, universities, or other bodies.

## 11:30 – 12:15 AVIATION IN THE ARCTIC

Organized by Isavia

**Location:** Ríma A, Harpa Ground Level

### SPEAKERS

Ásgeir Pálsson, *Director of Air Navigation Division, Isavia*

Sigrún Björk Jakobsdóttir, *Director of Regional Airports, Isavia*

Pórdís Sigurðardóttir, *Manager, Isavia*

## 11:30 – 12:15 A SCOTTISH PERSPECTIVE ON CLIMATE CHANGE, CLIMATE JUSTICE & HUMAN RIGHTS

Organized by the Scottish Parliament

**Location:** Akrafjall, Harpa Fourth Level

### SPEAKERS

Gillian Martin MSP, *Convener, Environment, Climate Change and Land Reform Committee, Scottish Parliament*

Elisa Morgera, *Professor, Global Environmental Law and Co-Director, Strathclyde Centre for Environmental Law and Governance, University of Strathclyde*

Finlay Carson MSP, *Deputy Convener, Environment, Climate Change and Land Reform Committee, Scottish Parliament*

Charlotte Hartley, *Member of the Just Transition Commission and Board Trustee at 2050 Climate Group (via Skype)*

## 11:30 – 12:15 ARCTIC INFRASTRUCTURE AND COMMUNITIES: CLOSING THE GAP

Organized by Canada Research Chair in Aboriginal Governance and Law, UNBC

**Location:** Esja, Harpa Fifth Level

### SPEAKERS

Halldór Jóhannsson, *Executive Director, Arctic Portal, Iceland: Business Infrastructure in the Arctic – The Arctic Business Directive and Communities*

Andrey Petrov, *President, International Arctic Social Sciences Association, Director, ARCTICenter, University of Northern Iowa: Tundra Tracks: Understanding Informal Multipurpose Pathway Infrastructure in the Arctic*

Natalia Loukacheva, *Canada Research Chair in Aboriginal Governance and Law, University of Northern British Columbia, Canada: Communications Infrastructure in the Canadian Arctic and Communities: Closing the Gap*

### MODERATORS

Natalia Loukacheva, *Canada Research Chair in Aboriginal Governance and Law, University of Northern British Columbia, Canada*

Violetta Gassiy, *Professor, Kuban State University, Russian Federation*

## 11:30 – 12:15 REALISING THE POTENTIAL OF “A PREDICTED OCEAN” – WHAT IS NEEDED?

Organized by Blue-Action, DMI, Technical University of Denmark, National Institute of Aquatic Resources (DTU Aqua), DNV GL – Oil & Gas, Conservation International

**Location:** Skarðsheiði, Harpa Third Level

### SPEAKERS

Mark Payne, *Senior Researcher, Technical University of Denmark, National Institute of Aquatic Resources (DTU Aqua)*

Øivin Aarnes, *Principal Specialist, Environmental Risk and Preparedness, DNV GL – Oil & Gas*

Johann Bell, *Senior Director - Pacific Tuna Fisheries, Conservation International*

## 11:30 – 12:15 GLOBALARCTIC: FROM A THEORETICAL CONCEPT TO A GOVERNANCE INSTRUMENT

Organized by GlobalArctic Project in collaboration with Thematic Network on Geopolitics and Security; PEEEX program/ Thematic Network – Arctic Boreal Hub

**Location:** Björtuloft, Harpa Fifth Level

### SPEAKERS

Hanna K. Lappalainen, *Research coordinator, INAR & PEEEX, University of Helsinki: Global Relevance of Observation and Modelling of Arctic-Boreal Domain*

Alexander Sergunin, *Professor, St. Petersburg State University: Global Agreement on the Conservation and Sustainable Use of Arctic Marine Biodiversity – The Russian Perspective*

Lassi Heininen, *Research Director, INAR at University of Helsinki: Role of Societal Security in Arctic Policies – From a Global Perspective*

June Borge Doornich, *NORD University*

## 11:30 – 12:15 THE POLAR SILK ROAD: PAN-ARCTIC COOPERATION: IMPLEMENTATION AND IMPACT

Organized by Science Diplomacy Center, Fletcher School of Law and Diplomacy, Tufts University

**Location:** Norðurljós, Harpa Second Level

### SPEAKERS

Mia Bennett, *Assistant Professor, Geography Department and School of Modern Languages & Cultures (China Studies Programme), University of Hong Kong*

Marc Lantigne, *Associate Professor, Political Science (China, East Asia, Polar Region), UiT the Arctic University of Norway*

Qingchao Xu, *PhD, Visiting scholar of the Science Diplomacy Center, Fletcher School of Tufts University, US: The Polar Silk Road and China's Arctic Policy Goals*

## 11:30 – 12:15 SUSTAINABLE DEVELOPMENT IN THE ARCTIC: ETHICAL AND COMMUNICATION CHALLENGES

Organized by University of New England, Harvard University, Verrill LLP

**Location:** Flói, Harpa Ground Level

### SPEAKERS

Benjamin Ford, *Partner, Verrill, LLP*

Holly Parker, *Assistant Provost, Strategic Initiatives, University of New England*

Terzah Tippin Poe, *Lecturer and Teaching Fellow, Harvard University; US Lead Polar Research and Policy Initiative*

## 11:30 – 12:15 LEADERSHIP, ARCTIC GENDER EQUALITY AND DIVERSITY

Organized by the Ministry for Foreign Affairs of Iceland; the Nordic Council of Ministers; the Icelandic Arctic Cooperation Network; Icelandic Directorate of Equality; Centre for Arctic Studies, University of Iceland; University of Akureyri

**Location:** Kaldalón, Harpa Ground Level

### SPEAKERS

Hjalti Ómar Ágústsson, *Project Coordinator, Icelandic Arctic Cooperation Network*

Sara Olsvig, *Head of Programme, UNICEF Denmark: Empowerment of Children and Youth through Promotion of Children's Rights*

Gunn-Britt Retter, *Head of Arctic and Environmental Unit, Saami Council*

Eva Maria-Svensson, *Deputy Head, Department of Law, Gothenburg University*

Issát Turi, *Saami Reindeer Herder, Kautokeino, Norway*

Anastasia Ulturgasheva, *Researcher, Icelandic Arctic Cooperation Network, Stefansson Arctic Institute*

Silja Bára Ómarsdóttir, *Associate Professor of International Affairs, Faculty of Political Science, University of Iceland*

**Moderator:** Stefán Skjaldarson, *Chair, Sustainable Development Working Group, Ministry for Foreign Affairs, Iceland*

## 11:30 – 12:15 EAST ASIAN ECONOMIC INTEGRATION

Organized by China Investment Research

**Location:** Ríma B, Harpa Ground Level

### SPEAKERS

Henry Tillman, *Founder and Chairman, China Investment Research*

Zhang Pei, *Research Fellow, Shanghai Institutes for International Studies*

Additional speakers to be announced

# SATURDAY, OCTOBER 12 – SESSIONS 11:30 - 12:15

## 11:30 – 12:15 WORLD HERITAGE AND LARGE-SCALE PROTECTED AREAS IN THE ARCTIC

Organized by the Ministry of the Environment and Natural Resources, Iceland

**Location:** Háaloft, Harpa Eighth Level

**Snorri Baldursson**, *Dean, Agricultural University of Iceland*

**Óli Halldórsson**, *Chair, Central Highlands National Park Founding Committee*

**Tom Barry**, *Executive Secretary, Conservation of Arctic Flora and Fauna Secretariat (CAFF)*

**Moderator: Sigríður Viðis Jónsdóttir**, *political advisor to the Minister for the Environment and Natural Resources.*

## 11:30 – 12:15 THE ARCTIC HAS ENTERED A NEW PHASE OF ABRUPT CLIMATE CHANGE

Organized by University of Bergen, Bjerknes Centre for Climate Research & Academia Europaea Bergen Knowledge hub

**Location:** Viðey, Harpa Second Level

### SPEAKERS

**Eystein Jansen**, *Professor, University of Bergen/Bjerknes Centre for Climate Research: Are Ongoing Climate Change in the Arctic Abrupt in the Perspective of Past Abrupt Changes?*

**Jens Hesselbjerg Christensen**, *Professor, Niels Bohr Institute, University of Copenhagen:*

*What are the Expected Future Changes in Arctic and Greenland Climates in the Future Due to Continued Manmade Climate Forcing*

Eystein Jansen/Jens Hesselbjerg Christensen:  
How Vulnerable is the Greenland Ice Sheet?

## 12:15 – 13:00 NETWORKING LUNCH

**OPEN TO ALL ASSEMBLY PARTICIPANTS**

Hosted by Arctic Green Energy



# BREATHING CITIES



## LUNCH

12:15-13:00, Saturday, October 12th

**Hosted by Arctic Green Energy Corporation**

**Open to All Assembly Participants**



**ARCTICGREEN**  
ENERGY CORPORATION



# SATURDAY, OCTOBER 12 – PLENARY SESSIONS 13:00 - 16:15

## 13:00 – 13:30 TOWARDS A NEW ARCTIC STRATEGY FOR THE EUROPEAN UNION

### SPEAKERS

Senator Jean Bizet, *President of the European Affairs Committee, Senate of France*

Ambassador Jari Vilen, *Senior Adviser for Arctic Policy, European Political Strategy Centre (EPSC)*

Questions and answers

### CHAIR

H.E. Marie-Anne Coninx, *Ambassador at large for Arctic Affairs, European External Action Service*

## 13:30 – 13:40 THE GLOBAL ARCTIC MISSION COUNCIL OF ARCTIC CIRCLE: STATEMENT BY THE CHAIR, PROFESSOR LASSI HEININEN

### SPEAKER

Lassi Heininen, *Research Director, Institute for Atmospheric and Earth Research, University of Helsinki*

## 13:40 – 14:00 SCIENCE SPOTLIGHT: LIVE LINK TO THE MOSAIC EXPEDITION

### INTRODUCTION

Anja Sommerfeld, *MOSAIC Project Manager, Alfred Wegener Institute*

DIALOGUE WITH SCIENTISTS ON BOARD

## 14:00 – 14:20 SCIENCE SPOTLIGHT: CRYOSPHERE CHANGES AND THEIR IMPACTS ON THE THIRD POLE

### SPEECH

Yao Tandong, *Professor, Honorary Director, Institute of Tibetan Plateau Research, Chinese Academy of Sciences; Member of the Chinese Academy of Sciences*

### CHAIR

Dagfinnur Sveinbjörnsson, *CEO, Arctic Circle*

## 14:20 – 14:35 BRINGING ANIMALS BACK TO THE ARCTIC: A NEW WAY TO FIGHT CLIMATE CHANGE

### SPEAKER

Nikita Zimov, *Director, Pleistocene Park*

## 14:35 – 15:15 ARCTIC TIPPING POINTS

Organized in cooperation with Potsdam Institute for Climate Impact Research

### SPEAKERS

Stefan Rahmstorf, *Professor, Head of Earth System Analysis, Potsdam Institute for Climate Impact Research, Germany*

Antje Boetius, *Professor, Director of the Alfred Wegener Institute, Bremerhaven, Germany*

Halldór Björnsson, *Leader of Atmospheric Research, Icelandic Met Office*

### CHAIR

Brynhildur Davíðsdóttir, *Professor, Head of Environment and Natural Resources, University of Iceland*

## 15:15 – 15:30 ARCTIC CIRCLE PRIZE CEREMONY

## 15:30 – 16:15 KEYNOTE BY THE HONORABLE JOHN KERRY, FORMER U.S. SECRETARY OF STATE

### SPEECH

Hon. John Kerry, *former United States Secretary of State*

Questions and answers

### CHAIR

H.E. Ólafur Ragnar Grímsson, *Chairman Arctic Circle*

## 16:15 – 16:30 COFFEE BREAK



## INUIT QAUJIMAJATUQANGIT: ART, ARCHITECTURE AND TRADITIONAL KNOWLEDGE

Exhibition

Location: Himnastiginn

A first of its kind in Canadian art history, traditional Inuit knowledge has been integrated into the architecture of the new Canadian High Arctic Research Station (CHARS) in Ikaluktutiak, Nunavut. Artists from across Inuit Nunangat territories created works illustrating the contribution of the ingenuity and inventiveness of past and present Inuit peoples to the development of science and technology.

ORGANIZED BY: EVOQ Architecture

CURATED BY: Isabelle Laurier

EVOQ  
ARCHITECTURE

LA  
GUILDE  
1906

McGill

N·F·O·E

TERRES EN VUES  
LAND InSIGHTS

Société pour la diffusion de la culture autochtone

Canada Polar Knowledge  
Canada

# SATURDAY, OCTOBER 12 – SESSIONS 16:30 - 17:30

Sessions are organized by partners of the Arctic Circle: associations, institutions, governments, companies, organizations, think tanks, universities, or other bodies.

## 16:30 – 17:30 RESTORING SEA ICE IN THE ARCTIC – IMPORTANT SCIENTIFIC AND ECOLOGICAL CONSIDERATIONS

Organized by Ice911

**Location:** Björtuloft, Harpa Fifth Level

### SPEAKERS

**Peter Wadhams**, *Professor Emeritus, Head of the Polar Ocean Physics Group in the Department of Applied Mathematics and Theoretical Physics, University of Cambridge*

**Cynthia Scharf**, *Senior Strategy Director, Carnegie Climate Governance Initiative (C2G)*

**Leslie Field**, *Founder and CEO, ICE911 Research; Lecturer, Stanford*

**Anthony Manzara**, *Scientist, ICE911 Research*

**Moderator:** Steve Payne, *Governing Board Member, Ice911*

## 16:30 – 17:30 GREENLANDIC PERSPECTIVES ON ENVIRONMENTAL CHANGE – VISUAL INSIGHTS FROM A NATIONAL SURVEY

Organized by Greenland Perspective, Ilisimatusarfik (University of Greenland) and University of Copenhagen

**Location:** Rima A, Harpa Ground Level

### SPEAKERS

**Minik Rosing**, *Professor, University of Copenhagen; Introducing the Greenland Perspective Initiative*

**Nadine Kleemann**, *Research Assistant, Greenland Perspective: Video Fieldnotes from the Nationally Representative Greenlandic Perspectives Survey (GPS)*

**Kelton Minor**, *PhD student, Social and Behavioral Data Science, University of Copenhagen and Kraks Fond Institute for Urban Research; Mapping Public Opinion about Environmental Change and Adaptation Across Greenland*

## 16:30 – 17:30 LESSONS FROM ALASKA: PARTNERING FOR A RESILIENT AND SECURE ARCTIC – NATIONAL LABS AND UNIVERSITY OF ALASKA FAIRBANKS

U.S. Department of Energy, Sandia National Laboratories, Los Alamos National Laboratory, Pacific Northwest National Laboratory, University of Alaska Fairbanks

**Location:** Norðurljós, Harpa Second Level

### SPEAKERS

**Lori Parrott**, *Manager, Arctic Science and Security, Sandia National Laboratories (SNL)*

**Nettie LaBelle Hamer**, *University of Alaska Fairbanks (UAF), Geophysical Institute; Director, Alaska Satellite Facility; Deputy Director, Geophysical Institute*

**Matthew Heavner**, *Global Security, Intelligence, and Emerging Threats, Los Alamos National Laboratory*

**Jill Brandenberger**, *Operational Readiness and Assurance, Pacific Northwest National Laboratory*

**Moderator:** Larry Hinzman, *Vice Chancellor Research, University of Alaska Fairbanks*

## 16:30 – 17:30 DEFINING A ROADMAP FOR ARCTIC OBSERVING

Organized by Sustaining Arctic Observing Networks (SAON)

**Location:** Þór Icelandic Coast Guard Vessel – see map

### SPEAKERS

**Sandy Starkweather**, *Vice-Chair, SAON, NOAA, USA; Advancing SAON's Roadmap for Arctic Observing and Data Systems*

**Andrea Tilche**, *UiT – The Arctic University of Norway; The Path Towards an Integrated Arctic Observing System: A New Push from the Arctic Science Ministerials*

**Árni Snorrason**, *Icelandic Meteorological Office, Global Cryosphere Watch (GCW); The Contribution of WMO and the Arctic National Hydrological and Meteorological Services towards Arctic Observations*

**Raychelle Daniel**, *Officer, The Pew Charitable Trusts; Arctic Indigenous Peoples Food Security Perspective on Enhancing an Arctic Observing Framework*

**Hajo Eicken**, *Director, Professor of Geophysics, University of Alaska, Fairbanks, USA; Building a Community of Practice around Sustained Arctic Observations*

### MODERATORS

**Sandy Starkweather**, *Executive Director - US Arctic Observing Network, Cooperative Institute for Research in Environmental Sciences*

**Lars Otto Reiersen**, *Senior Advisor, UiT – The Arctic University of Norway*

## 16:30 – 17:30 CROSSROADS: ACTION NOW – ARCTIC POLITICS: DEALING WITH THE URGENCY OF CHANGE

Organized by UiT – The Arctic University of Norway; Maine North Atlantic Institute, University of Southern Maine; University of Iceland; Icelandic Ministry of Foreign Affairs

**Location:** Akrafjall, Harpa Fourth Level

### SPEAKERS

**Silja Bára Ómarsdóttir**, *Associate Professor, International Affairs, Faculty of Political Science, University of Iceland; The Importance of Gender and Equality in Forming the Arctic Future*

**Gunhild Hoogensen Gjorv**, *Professor, Critical Peace and Conflict Studies, UiT – The Arctic University of Norway; Adapt or Resist – Resilience in Times of Change*

**Beate Steinveg**, *PhD student; Arctic conferences: Do They Have an Impact?*

**Charles Norchi**, *Benjamin Thompson Professor of Law Director, Center for Oceans and Coastal Law, University of Maine School of Law;*

*Scholars of the Arctic: The Urgency of Actionable Research*

**Moderator:** Glenn Cummings, *PhD, President, University of Southern Maine, US*

## 16:30 – 17:30 THE WEST NORDIC REGION AND ARCTIC GOVERNANCE: CELEBRATING THE WEST NORDIC STUDIES PROGRAMME

Organized by University of Akureyri

**Location:** Kaldalón, Harpa Ground Level

### SPEAKERS

**Astri Dankertsen**, *Associate Professor in Sociology, Nord University, Norway; Arctic Studies and Indigenous Perspectives at Nord University: Some Reflections on How to Include Indigenous Perspectives in University Programmes*

**Margrét Cela**, *Project Manager, Centre for Arctic Studies, University of Iceland; Arctic Issues– Emerging Opportunities and New Concerns?*

**Maria Ackrén**, *Associate Professor in Political Science, Ilisimatusarfik (University of Greenland); Regional Cooperation in the North Atlantic: The Case of the West-Nordic Council*

**Hallbera West**, *Programme Director, West Nordic Studies, University of the Faroe Islands; Political Control of the Development in the Arctic region: The Case of the Faroe Islands*

**Ragnheiður Elfa Þorsteinsdóttir**, *Lecturer, Faculty of Law, University of Akureyri, Iceland; Natural Resource Governance and Review of the Icelandic Constitution*

## 16:30 – 17:30 CLIMATE JUSTICE AND OUR RIGHT TO BE COLD

Organized by Inuit Circumpolar Council (ICC) and ArKtiKa Company LLC.

**Location:** Silfurberg A, Harpa Second Level

### SPEAKERS

**Esau Sinnok**, *Senior at University of Alaska Fairbanks studying Alaska Native Studies: How Climate Change Has Affected My Home and State*

**Nagruk Harcharek**, *Director, Barrow Operations and Vice President of Ukpeagvik Inupiat Corporation Lands*

**Candice Pedersen**, *Enforcement Office, Government of Nunavut; How Nunavut Inuit are Adapting to a Changing Climate using Technology (Siku)*

# SATURDAY, OCTOBER 12 – SESSIONS 16:30 - 17:30

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## 16:30 – 17:30 ARCTIC INTERESTS OF THE WEST NORDIC STATES

Organized by the West Nordic Council

**Location:** Ríma B, Harpa Ground Level

### SPEAKERS

**Vivian Motzfeldt**, *President, the West Nordic Council, Member of Inatsisartut, the Greenlandic Parliament*

**H.E. Guðlaugur Þór Þórðarson**, *Minister for Foreign Affairs, Iceland*

**Margrét Cela**, *Project Manager, Centre for Arctic Studies, University of Iceland*

### PANEL

**Vivian Motzfeldt**, *President, Greenlandic Parliament; President, West Nordic Council*

**Edva Jacobsen**, *Member of the West Nordic Council Arctic Group, Member of the Faroese Parliament*

**Bryndís Haraldsdóttir**, *Member of the West Nordic Council Arctic Group; Former President, West Nordic Council; Member of the Icelandic Parliament*

**Moderator:** Steen Løgstrup Nielsen, *Advisor, West Nordic Council*

## 16:30 – 17:30 DIVERSITY IN UNITY/UNITY IN DIVERSITY – THE NORDIC MODELS

Organized by Thematic Network on Geopolitics and Security, in cooperation with CNARC

**Location:** Flói, Harpa Ground Level

### SPEAKERS

**Maria Ackrén**, *Associate Professor in Political Science, Ilisimatusarfik (University of Greenland)*

**Rasmus Gjedssø Bertelsen**, *Professor, UiT – The Arctic University of Norway*

**Þorsteinn Gunnarsson**, *Senior Adviser, The Icelandic Centre for Research (RANNIS), Chair, Sustaining Arctic Observing Networks (SAON)*

**Zhang Pei**, *Deputy Director, Centre for Maritime and Polar Region Studies, Shanghai Institutes for International Studies*

**Egill Thor Nielsson**, *Doctoral Candidate, University of Lapland and University of Iceland; Senior Adviser, The Icelandic Centre for Research (RANNIS)*

**Moderator:** Lassi Heininen, *Research Director, INAR at University of Helsinki*

## 16:30 – 17:30 COLLABORATIVE INNOVATION IN CANADA'S ARCTIC

Organized by Mitacs

**Location:** Hafmarkot, Harpa Ground Level

### SPEAKERS

**Ken Coates**, *Johnson Shoyama Graduate School of Public Policy, Canada Research Chair in Regional Innovation: The Potential of 21st Century Innovations for the far North – Beneficial or Disruptive?*

**Duncan Phillips**, *Vice-President Strategic Markets, Mitacs: Mitacs's Role as Facilitator in Indigenous Engagement, Research Funding and Arctic Innovation*

**Tasha Carruthers**, *Business Development and Northern Relations, CARPA 3D Construction Corporation: A Revolutionary Canadian Innovation in 3-D printing for Arctic housing*

**Gloria Song**, *Senior Policy Analyst and Manager of International Engagement at Polar Knowledge Canada: The Role of the Canadian High Arctic Research Station (CHARS) Campus in Arctic Research*

**Moderator:** Duncan Phillips, *Vice-President Strategic Markets, Mitacs*

## 16:30 – 17:30 AGEING AND SOCIAL RELATIONS

Organized by Ageing in the Arctic (AgeArc)

**Location:** Viðey, Harpa Second Level

### SPEAKERS

**Peter Bjerregaard**, *Professor, University of Southern Denmark: Determinants of Loneliness among Elderly Inuit in Greenland*

**Lill Sverresdatter Larsen**, *Associate Professor, UiT – The Arctic University of Norway: Family Caregivers' Experiences with the Norwegian Caregiver Course Model Regarding Dementia Diseases*

**Christina Viskum Lytken Larsen**, *Senior Researcher, National Institute of Public Health, University of Southern Denmark & University of Greenland: Using Intergenerational Camps to Promote Wellness Among Youth and Older People in the Arctic*

**Shelley Cohen Konrad**, *Professor, University of New England: Training in Aging Diversity: An Academic/Community Model for Gerontological Education*

**Kamilla Nørtoft**, *Associate Professor, University of Copenhagen: Food, Family and Older People's Social Networks in Greenland*

## 16:30 – 17:30 NARRATIVES REIMAGINED – EXPLORING OUTLETS FOR CHANGE WITH THE ARCTIC YOUTH NETWORK

Organized by Arctic Youth Network

**Location:** Skarðsheiði, Harpa Third Level

### SPEAKERS

**Megan Dicker**, *AYN Storyteller, Arctic Youth Network*

**Kristbjörg Mekkin Helgadóttir**, *Member of the Icelandic Youth Council for the SDGs, Prime Minister's Office, Iceland*

**Anna-Katri Kulmala**, *Entrepreneur, Helsinki Think Company*

**Moderator:** Tasha Elizarde, *Vice-Chair, Arctic Youth Network*

## 16:30 – 17:30 CREATES: YOUTH ENGAGEMENT IN MENTAL WELLNESS EFFORTS IN THE ARCTIC

Organized in cooperation with the Government of Canada (Crown-Indigenous Relations and Northern Affairs) and Inuit Circumpolar Council

**Location:** Esja, Harpa Fifth Level

### SPEAKERS

**Melody Teddy**, *Tuktoyaktuk, Northwest Territories, Canada (Inuit/Canada)*

**Simon Coady**, *Ottawa, Ontario, Canada (Inuit/Canada)*

**Byron Nikolai**, *Toksook Bay, Alaska, USA (Yup'ik/USA)*

**Moderator:** Selma Ford, *Health Coordinator, Inuit Circumpolar Council, Canada*

## 16:30 – 17:30 ART & THE CREATIVE SECTOR: AMPLIFYING THE WORK OF THE ARCTIC COUNCIL

Organized by Anchorage Museum

**Location:** Sæbjörg ICE-SAR Training Vessel – see map

### SPEAKERS

**Bruce Farnsworth**, *Founding member of Track & Field, Co-Lead Artist, 8Boxes Project: A Global Overview of Important Examples of Partnerships Between Artists and a Variety of International Organizations as well as Scientific and Policy Initiatives*

**Bodil Kjelstrup**, *Curator, Anchorage Museum and Nordnorsk Kunstmuseum: What are we Learning about Art as an Instrument of Circumpolar Change and Innovation? The Accumulating Experience of the SEED Lab Experiment*

**Shyanne Chulyin** *Ch'ivaya Beatty, Alaska Native Heritage Center: Art and Culture at the Heart of Pan-Arctic Planning and Engagement*

**Embla Eir Oddsdóttir**, *Director, Icelandic Arctic Cooperation Network:*

*The Lessons and Importance of Arctic Cooperation from a Cross-Sector Perspective. Can the Arctic Council Benefit from Broader Perspectives on Arctic Futures?*

**John Hirst**, *Co-Lead Artist, 8Boxes Project: How the 8Boxes Project Provides a Pan-Arctic Opportunity to Connect Northern Artists with the Work of the Arctic Council and its Sub-Bodies to Enhance its Mission*

## 16:30 – 17:30 THE CRYOSPHERE CHANGE OVER THE THIRD POLE AND ARCTIC

Organized by Third Pole Environment, Institute of Tibetan Plateau Research, Chinese Academy of Sciences

**Location:** Stemma, Harpa Ground Level

**Tandong Yao**, *Third Pole Environment, Institute of Tibetan Plateau Research, Chinese Academy of Sciences:*

**Yang Daqing**, *TPE, China: Arctic and Third Pole Large River Hydrological Regimes and Changes*

**Jing Gao**, *Institute of Tibetan Plateau Research, Chinese Academy of Sciences, China: The Comparable Observation of Water Stable Isotopes in the Third Pole and Arctic*

**Árný Erla Sveinbjörnsdóttir**, *University of Iceland: Control of Shallow Convection on Water Isotopes in the North Atlantic*

**Hans Christian Steen-Larsen**, *University of Bergen, Norway: Using Water Vapor Isotope Observations to Constrain the Hydrological Cycle in Climate Models*

**Moderator:** Hans Christian Steen-Larsen, *University of Bergen, Norway*



# SATURDAY, OCTOBER 12 – SESSIONS 17:30 - 19:00

Sessions are organized by partners of the Arctic Circle: associations, institutions, governments, companies, organizations, think tanks, universities, or other bodies.

## 17:30 – 19:00 TRAINING ARCTIC INDIGENOUS YOUTH FOR ARCTIC CHANGE 2019

Organized by UArctic EÁLAT Institute & University of the Arctic Institute for Circumpolar Reindeer Husbandry

**Location:** Hafnarkot, Harpa Ground Level

**SPEAKERS TO BE ANNOUNCED**

## 17:30 – 19:00 WAITING FOR RESCUE: ENHANCING SURVIVABILITY IN THE ARCTIC

Organized by National Research Council of Canada and Department of Fisheries and Oceans – Canadian Coast Guard

**Location:** Flói, Harpa Ground Level

### PANEL

**Anne Barker**, Arctic Program Leader, National Research Council, Government of Canada:  
*Panel Introduction and Life-Saving Appliances Use in the Arctic*

**Frigg Jørgensen**, Executive Director, AECO – Association of Arctic Expedition Cruise Operators

**Peter Garapick**, Superintendent – Arctic, Arctic Region, Canadian Coast Guard

**Kaviq Kaluraq**, Nunavut Arctic College and Acting Chairperson, Nunavut Impact Review Board

**Moderator:** Anne Barker, Arctic Program Leader, National Research Council of Canada

## 17:30 – 19:00 LIGHTNING TALKS FROM THE WINNERS OF THE MON PROJET NORDIQUE/MY NORTHERN PROJECT COMPETITION: PHD STUDENTS FROM QUÉBEC AND THE NORDICS

Organized by Institut nordique du Québec, Fonds de recherche du Québec, UArctic

**Location:** Björtuloft, Harpa Fifth Level

### SPEAKERS

#### Introduction

**Mr. Jean-Éric Tremblay**, Institut nordique de Québec

**Pirkko Pulkkanen**, UArctic

**Thomas Pacoureaux**, PhD student, Earth Sciences, INRS-ETE, Québec, Canada: How Does the Nature of Organic Matter Influences its Biomineralisation in Arctic Ponds

**Marina Titova**, PhD student, Cultural Studies, Northern (Arctic) Federal University (NARFU), Archangelsk, Russia: The Idea of the Arctic as a Means of Cultural Adaptation to the Far North Environment

**Élisa Gouin**, PhD student, Architecture, Université Laval, Québec, Canada: Community-Academic Partnership in an Indigenous Context: Does it Really Work?

**Martin Mohr Olsen**, PhD student, Management Engineering, University of the Faroe Islands and the Technical University of Denmark:  
*Developing Operational Frameworks Suited for Small Arctic Universities Wishing to Tackle Issues of Sustainability*

**Lisa Zoé Auclert**, PhD student, Microbiology, Université Laval, Québec, Canada: Virus Hunting in the Canadian North

**Marta Moreno Ibáñez**, PhD student, Earth and Atmospheric Sciences, Université du Québec à Montréal, Québec, Canada: Small but Full of Energy: Polar Lows are Anything but a Storm in a Teacup!

**Imran Riaz Chohan**, PhD student, Education, University of Lapland, Rovaniemi, Finland: Do we Provide what the Changing World of Work Necessitates? A Longitudinal Mixed Methods Study on Facilitating University Graduate Employability in the Arctic

**Laurent Ferrier**, PhD student, Engineering, Université du Québec à Rimouski, Québec, Canada: Design of a Stand-Alone Telecommunications Station in an Isolated and Constrained Environment

**Marcus Przybyl**, PhD student, Northern Cultures and Natural Resource Politics, University of Lapland, Rovaniemi, Finland: Studies on Sámi Shamanism – With Special Attention to the Phenomenon of Unity in Diversity and its Relationship to Natural Cycles

**Anaïs Remili**, PhD student, Natural Resource Sciences, McGill University, Québec, Canada: Dual Approach to Understanding Killer Whale Feeding Ecology in the North Atlantic Ocean

**Cecilia de Bernardi**, PhD candidate, Multidimensional Tourism Institute, University of Lapland, Rovaniemi, Finland: The Role(s) of Authenticity and Certifications in Sámi Tourism

**Round table discussion with the participants and vote for the People's Choice Award**

• **Jean-Éric Tremblay**, Professor, Biological Oceanography, Laval University Québec, Canada

• **Pirkko Pulkkanen**, Manager, International Projects, UArctic International Secretariat, Rovaniemi, Finland

## 17:30 – 19:00 HIGH-TECH PREVENTION AND PREPAREDNESS IN CRITICAL ENVIRONMENTS

Organized by Italian Embassy in Oslo & Italian Ministry of Foreign Affairs

**Location:** Skarðsheiði, Harpa Third Level

### SPEAKERS

**Carmine Robustelli**, Special Envoy for the Arctic, Ministry of Foreign Affairs and International Cooperation

**Antonello Provenza**, Research director, Institute of Geoscience and Earth Resources, CNR:  
*Wildfires and Climate: Hints from Mediterranean Europe*

**Roberta Ivaldi**, Associate Professor, Italian Hydrographic Institute – Italian Navy: Amacosky in the High North: A Support to a Safety Navigation in Critical Environments

**Melania Buffagni**, Environmental Manager, Eni Upstream : Barents Sea-Norway and North Slope-Alaska: Eni Experience in Oil Spill Preparedness and Response

**Stefania Amici**, Researcher, INGV-Italian Institute for Geo-physics and Volcanology: Scientific Observations and Social Implications of a more Fire-Prone Arctic Circle

**Ingrid Hunstad**, Researcher, INGV-Italian Institute for Geo-physics and Volcanology: The European Consortium PECASUS: International Space Weather Monitoring in Support of Arctic Air Navigation

**Alcide Di Sarra**, Research Scientist, ENEA-National Agency for New Technologies, Energy, and Sustainable Economic Development: Properties and Impacts of Canadian and Greenlandic Forest Fire

*Emissions During Summer 2017 as Seen at the Thule High Arctic Atmospheric Observatory*

**Andrew Kendrick**, Vice President, Vard Marine Inc, Fincantieri Group, Ottawa, Canada: Determining Safe Speeds for Operating in Ice Conditions: Design, Technology and Operational Issues Associated with Navigating Safely and Efficiently in All Ice Conditions

## 17:30 – 19:00 GREEN ENERGY SOLUTIONS IN THE WEST NORDIC COUNTRIES – THE WAY FORWARD

Organized by the Ministries of Foreign Affairs in Greenland, Iceland and the Faroe Islands

**Location:** Rima B, Harpa Ground Level

### SPEAKERS

**H.E. Jess Svane**, Minister of Industry, Energy and Research, Government of Greenland

**H.E. Guðlaugur Þór Þórðarson**, Minister for Foreign Affairs, Iceland

**Jenis av Rana**, Minister of Foreign Affairs and Education, Faroe Islands

**Michael Pedersen**, Director, Nukissiorfiit - National Supplier of Energy in Greenland

**Guðni A. Jóhannesson**, Professor, PhD, Director General, Orkustofnun/The Icelandic National Energy Authority

**Helma Maria Tróndheim**, Industrial PhD student, The Power Company SEV, Aalborg University and the University of the Faroe Islands

## 17:30 – 19:00 CAPACITY PLANNING FOR TOURISM IN THE ARCTIC – BALANCING ECONOMIC, SOCIAL, AND ENVIRONMENTAL PRIORITIES

Organised by EFLA Consulting Engineers and Icelandic Tourism Research Center

**Location:** Silfurberg B, Harpa Second Level

### SPEAKERS

**Oskar Johannesson**, Director, Icelandic Tourism Task Force

**Julia Pars**, Managing Director, Visit Greenland

**Høgni Reistrup**, Advisor to the Mayor, Torshavn Municipality, Faroe Islands

**Tracy Michaud**, Assistant Professor and Chair, Tourism & Hospitality Program, University of Southern Maine; Lecturer, Masters Of Business Tourism Concentration, Reykjavik University

**Ray Salter**, Consultant, TRC Tourism Consulting & Chairman, Youth Hostel Association NZ, Destination Great Lake Taupo, New Zealand

### MODERATORS

**Olafur Arnason**, Environmental Planning Program Director, EFLA Consulting Engineers

**Nathan Reigner**, Principal & Consulting Social Scientist, Recreation Tourism Science & Research Affiliate, Icelandic Tourism Research Center

# SATURDAY, OCTOBER 12 – SESSIONS 17:30 - 19:00

Sessions are organized by partners of the Arctic Circle: associations, institutions, governments, companies, organizations, think tanks, universities, or other bodies.

## 17:30 – 19:00 SAFETY AT SEA IN THE ARCTIC

Organized by the Ministry for Foreign Affairs of Iceland and the Icelandic Arctic Cooperation Network

**Location:** Esja, Harpa Fifth Level

### SPEAKERS

**Sverrir Konráðsson**, Maritime Specialist – Legal Coordination and Translations, Coordination and Facilitation Division, Icelandic Transport Authority:

*Enhancing Maritime Safety in the Arctic to Save Lives*

**CDRE Ásgrímur L. Ásgrímsson**, Chief of Operations, Icelandic Coast Guard:

*Icelandic Coast Guard and Safety at Sea in the Entrance to the Arctic*

**Jens Peter Holst-Andersen**, Chair Emergency Prevention, Preparedness and Response (EPPR), Arctic Council, Danish Ministry of Defence:

*Emergencies – Prevention, Preparedness and Response*

**Soffía Guðmundsdóttir**, Executive Secretary, Protection of Arctic Marine Environment (PAME)

**Eydis Lindal Finnbogadóttir**, Acting Director General National Land Survey of Iceland:

*Enabling Access to Arctic Spatial Data - Arctic SDI Cooperation*

**Moderator:** Þórunn J. Hafstein, Secretary General of the National Security Council, Iceland, Prime Minister's Office

## 17:30 – 19:00 VISITATIONS: POLAR BEARS OUT OF PLACE

Organized by Iceland University of the Arts

**Location:** Kaldalón, Harpa Ground Level

### SPEAKERS

**Bryndís Snæbjörnsdóttir**, PhD, Artist & Professor in Fine Art, Iceland University of the Arts

**Mark Wilson**, PhD, Artist and Professor in Fine Art, University of Cumbria

**Craig Perham**, Wildlife Biologist, U.S. Department of Interior Bureau of Ocean Energy Management, Alaska

**Aaron Leggett**, Indigenous Curator of History & Culture, Anchorage Museum:

*The Cultural History of Polar Bear Narratives in the North Atlantic*

**Kristinn Schram**, PhD, Associate Professor in Folklore, University of Iceland

**Moderator:** Julie Decker, PhD, Director, Anchorage Museum

## 17:30 – 19:00 MILITARY SECURITY AND THE ARCTIC COUNCIL

Organized by Thematic Network on Geopolitics and Security

**Location:** Silfurberg A, Harpa Second Level

### SPEAKERS

**Lassi Heininen**, Research Director, INAR at University of Helsinki: *Military Presence in the Arctic – Cold War Legacy, Great Power Rivalry or for National Defense – What about Disarmament?*

**Benjamin Schaller**, PhD candidate/Research Fellow, Centre for Peace Studies, UiT – The Arctic University of Norway: *Trust and Distrust – Defence and Security Relations in a Changing Arctic Security Environment*

**Sandra Maria Rodrigues Balão**, Associate Professor, Institute of Social and Political Sciences, Universidade de Lisboa: *Security Challenges from the North – A Critical Reading of US policies for the Arctic Region*

**Steven Lamy**, Professor, University of Southern California: *Trump Administration's Arctic Policy: Make the Arctic Ours Again*

**Rasmus Gjedssø Bertelsen**, Professor, UiT – The Arctic University of Norway: *Space, Polar Regions and International Security: The Arctic in Global Socio-Technical Systems*

**Moderator:** Heather Exner-Pirot, Managing Editor, University of Saskatchewan & The Arctic Yearbook

## 17:30 – 19:00 WE NEED YOUR WORKFORCE!

Organized by High North Atlantic Business Alliance and Troms County Council

**Location:** Ríma A, Harpa Ground Level

### SPEAKERS

**Sigríð Ina Simonsen**, Councillor Culture and Industry Business, Troms County Council: *Key Numbers on Demography and Workforce in Arctic and Cold Coast Regions of the North Atlantic*

**Kirsti Methi**, Project Manager, City of Tromsø: *Tromsø, Norway: 2,000 New Private Sector Jobs in Five Years*

**Timo Rautajoki**, President and CEO, Lapland Chamber of Commerce, Finland: *Lapland, Finland: Growth in Tourism and Mining, How to Keep the Immigrants? How to Avoid Fly-in-Fly-out Communities?*

**Hallfríður Þórarinsdóttir**, CEO, Mirra SLF, Iceland: *Foreign Workforce in Icelandic Tourism Industry*

**Jon Nass**, CEO, Maine Port Authority: *Transportation Matters – Successfully Promoting Careers in Logistics, Maine Port Authority*

**Morven Cameron**, Head of Universities, Education and Skills, Highlands and Islands Enterprise, Scotland: *International Workforce, Solution or Challenge for Northern Sparsely Populated Areas?*

**Moderator:** Nils Arne Johnsen, Director Regional Business Development, Troms County Council

## 17:30 – 19:00 ARCTIC SCIENCE AND POLITICAL WILL: FROM BERLIN TO ACTION

Organized by UiT – The Arctic University of Norway

**Location:** Akrafjall, Harpa Fourth Level

### SPEAKERS

**Marie-Anne Coninsx**, Ambassador at Large for Arctic Affairs, European Union

**Yuri Sychev**, Director Russia State Oceanographic Institute and Polar Foundation

**Yuji Kodama**, Executive Director, Office of Japan Consortium for Arctic Environmental Research, Arctic Environmental Research Center (NIPR)

**Þorsteinn Gunnarsson**, Senior Adviser, The Icelandic Centre for Research (RANNÍS), Chair, Sustaining Arctic Observing Networks (SAON)

**Anne Husebekk**, Rector, UiT – The Arctic University of Norway, Chair, Fram Centre Advisory Board

**Jan Rene Larsen**, AMAP, SAON Secretariat

**Sandy Starkweather**, Executive Director - US Arctic Observing Network, Cooperative Institute for Research in Environmental Sciences

### MODERATORS

**Lars Otto Reiersen**, Senior Advisor, UiT – The Arctic University of Norway

**Andrea Tilche**, Senior Advisor and Adjunct Professor, UiT – The Arctic University of Norway

## 17:30 – 19:00 TOOLS AND TASKS FOR THE ARCTIC SCIENCE AGREEMENT: INTERNATIONAL PERSPECTIVES

Organized by the Ministry of Higher Education and Science of Denmark

**Location:** Viðey, Harpa Second Level

### SPEAKERS

**Fran Ulmer**, Chair, United States Arctic Research Commission: *The Arctic Science Agreement: History, Process and Moving Forward*

**Hans Müller Pedersen**, Director for the Danish Agency for Science and Higher Education: *The Greenlandic research hub: A New Platform for International Collaboration*

**Marianne Thyrring**, Director, the Danish Meteorological Institute: *Cross Cutting Collaboration in International Organisations*

### PANEL

**Marianne Thyrring**, Director, the Danish Meteorological Institute

**Lil Rastad Bjørst**, Associate Professor, Department of Culture and Global Studies, Aalborg University, Denmark: *Scientific Cooperation and the Many Academic Disciplines, Cultures and Needs in Arctic Research*

**Lars Kullerud**, President, UArctic



Photo by Jacki Cleveland

## INUIT NIGHT

19:00-20:30, SATURDAY, OCTOBER 12TH

### RECEPTION

Hosted by the Inuit Circumpolar Council

Location: Norðurljós Hall, Harpa Second Level

Open to All Assembly Participants

**WELCOME:** Dalee Sambo Dorough, Chair, Inuit Circumpolar Council

**REMARKS:** Inunnguaq Hegelund, Chef, Kalalliit Nunaat

Experience the culture of original inhabitants of the Arctic - INUIT NUNAAT. Taste Inuit foods from Kalalliit Nunaat

#### PERFORMANCES:

- Simon Lynge, Musician, Kalalliit Nunaat
- Iva and Tooma Laisa, Canada
- Olga Letykai Atsynga and daughter, Alissa Csonka, Chukotka
- Byron Nicholai, I Sing, You Dance, Yup'ik, Alaska



## SATURDAY, OCTOBER 12 – SPECIAL EVENTS

19:00 – 20:30

### INUIT NIGHT RECEPTION FOR ALL ASSEMBLY ATTENDEES

Hosted by Inuit Circumpolar Council

Location: Norðurljós Hall, Harpa Second Level

#### PERFORMANCES

Simon Lynge, musician, Kalaalliit Nunaat

Iva and Tooma Laisa, Canada

Olga Letykai Atsynga and Alissa Csonka, Chukotka

Byron Nicholai, I Sing, You Dance, Yup'ik, Alaska

20:00 – 21:30

### ARCTIC FILM SERIES CANADA C3: COAST TO COAST TO COAST

Organized by the Students on Ice Foundation

Location: Kaldalón, Harpa Ground Floor

#### INTRODUCTION AND Q&A

Emma Arsenault, Polar Knowledge Canada and SOI alumna

Geoff Green, Founder of Students on Ice Foundation

Ivalu Barlach Christensen, Greenlandic Master's Student in Astrophysics, Lund University; Intern, Center for Astrophysics Harvard & Smithsonian/Greenland Telescope Project

Whitney Lackenbauer, Canada Research Chair (Tier 1) in the Study of the Canadian North and Professor in the School for the Study of Canada, Trent University Canada

20:00 – 24:00

### ARCTIC CIRCLE BAR OPEN

Location: Outside Kolabrautin, Harpa Fourth Level





## ARCTIC FILM SERIES

Location: Kaldalón, Harpa Ground Level



### CANADA C3

An epic documentary of breathtaking footage and inspiring stories

**Saturday, October 12th**  
**20:00 - 21:30**

**Open to all Assembly participants**

## Follow the Arctic Circle on Social Media!



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## YAMALO-NENETS NOMADIC TRADITION

**Exhibition, Workshop and Chum**

**Location: Eyri, Harpa Second Floor**

**ORGANIZED BY:**

**The Government of Yamalo-Nenets  
Autonomous Okrug, Russia**

- Wood and bone carving workshop by Inna and Viktor Iadne
- Performance of traditional Nenets songs during selected coffee breaks by Tatiana Lar and Elena Ufimt





## ARCTIC CIRCLE TOURS: I - V THEMATIC EXCURSIONS AT THE ARCTIC CIRCLE ASSEMBLY

**The Arctic Circle is now offering Arctic Circle Tours on Sunday, October 13th to locations that provide new insight into fundamental challenges for the Arctic and our Planet. Iceland, its expertise, and achievements serve as the foundation for each tour.**


Arctic Circle Tours will provide opportunities to learn about the sustainable use of ocean resources through new technologies, clean energy transformations, the science of retreating glaciers retreating glaciers - climate change, extreme-weather infrastructure, as well as some of the most famous tourist sites in Iceland, such as the Golden Circle and the Blue Lagoon.

**For more information and to register, go to: [www.arcticcircle.org](http://www.arcticcircle.org)**

**During the Tours, participants will be able to interact with Icelandic scientists, experts and business leaders, while enjoying extraordinary experiences that shed light on of global and Arctic issues. Some of the Tours are organized in collaboration with selected Strategic Partners of the Arctic Circle.**

The Tours will start in the morning and participants who wish to arrive at Keflavík International Airport in the early afternoon will be able to do so for most of the tours.

Participants must register specially for the Tours on the Arctic Circle registration site. Some excursion elements are subject to minor changes, which will be announced beforehand. Tours may be cancelled if they do not reach a minimum participation threshold.



## TOUR I: 21ST-CENTURY SUSTAINABLE FISHERIES AND OCEAN TECHNOLOGIES: BIOTECH – IT – 100% USE

**Sunday, October 13th**  
**09:00 – 17:00**

Optional 14:00 drop-off at Keflavík International Airport


**Pickup Location:** Harpa Main Entrance

### EXCURSION ELEMENTS

- Presentations from leading Icelandic-global companies at the cutting edge of modern ocean and fish processing technologies:
  - Kerecis
  - Genís
  - Codland
  - BRIM
  - Marel

**Location:** [Sjávarklasinn, the Icelandic Ocean Cluster House, Reykjavík](#), [Marel headquarters](#) and [Brim headquarters](#)

- Visit to the fishing town of Grindavík, including the Saltfish Museum
- Scenic drive through Reykjanes Geopark, a UNESCO Global Geopark



## TOUR II: CLEAN ENERGY REVOLUTION – HOW TO FIGHT CLIMATE CHANGE

**Sunday, October 13th**  
**08:30 – 17:00**

Optional 14:00 drop-off at Keflavík International Airport

**Pickup Location:** Harpa Main Entrance

### EXCURSION ELEMENTS

- Visit to Hellisheiði Geothermal Power Plant, operated by ON Power, a world leader in the utilization of geothermal energy
- Presentation: CarbFix, the innovative international carbon capture cooperation
- Presentation: Arctic Green Energy, the cooperation between Iceland and China in urban geothermal heating; Breathing Cities
- Presentation by Verkís; a leading geothermal and power consulting and engineering company
- Drive through unique scenery to the Blue Lagoon; voted by National Geographic as one of 25 Wonders of the World
- Three-course lunch at the Blue Lagoon
- Bathing at the Blue Lagoon



## TOUR III: GLACIERS AND CLIMATE CHANGE



**Sunday, October 13th**

**08:30 – 18:30**

**Pickup Location:** Harpa Main Entrance

### EXCURSION ELEMENTS

- Drive through the Southwest
- Visit to the thermal spring Deildartunguhver
- Visit to Reykholt, an important site in Iceland's saga literature heritage
- Visit to the base of the former glacier Ok
  - Presentation on the Memorial for the glacier Ok.
- Drive to the glacial base Húsafell
  - Presentation on Iceland's disappearing glaciers
  - Presentation on Langjökull glacier
- Lunch in Húsafell
- Transport to Langjökull glacier in special mountain trucks
- Entering the tunnel in Langjökull glacier
- Presentations from leading glaciology researchers inside Langjökull glacier

*Participants are provided with overshoes, raincoats and insulated overalls*

## TOUR IV: INFRASTRUCTURE IN A WORLD OF EXTREME WEATHER



**Sunday, October 13th**

**09:00 – 17:00**

**Pickup Location:** Harpa Main Entrance

Optional 14:00 drop-off at Keflavík International Airport

### EXCURSION ELEMENTS

- Visit to the headquarters of Verkís, a leading engineering company. Presentations on avalanche protection and infrastructural challenges in the Arctic, with a focus on Greenland
- Visit to EFLA Consulting Engineers. Presentation on Arctic infrastructure projects
- Drive to the fishing town Sandgerði and lunch
- Behind-the-scenes tour of Keflavík International Airport, hosted by ISAVIA, the Icelandic Airport Authority
- Showcase of aircraft testing facilities for extreme weather conditions
- Scenic drive through Reykjanes Geopark, a UNESCO Global Geopark



## TOUR V: GOLDEN CIRCLE AND FRÍÐHEIMAR

**Sunday, October 13th**

**08:30 – 18:00**

**Pickup Location:** Harpa Main Entrance

### EXCURSION ELEMENTS

- Drive to Þingvellir National Park, the medieval birthplace of Icelandic democracy; where the American and Eurasian tectonic plates meet
- Visit to the Fríðheimar, an award-winning geothermal greenhouse tomato farm
- Presentation about geothermal heating in Icelandic horticulture
- Lunch inside the greenhouse at Fríðheimar farm
- Visit to Gullfoss waterfall, the most powerful waterfall in Europe
- Visit to the world-famous Geysir hot spring area



SHARE YOUR THOUGHTS  
**#ArcticCircle2019**

Picture by RAX



## **Save the dates**

**2020** Assembly October 8 - October 11

**2021** Assembly October 14 - October 17

**2022** Assembly October 13 - October 16

**In Harpa, Reykjavik**