



**2019 ARCTIC CIRCLE ASSEMBLY
10-13 OCTOBER, 2019**

DRAFT PROGRAM

*All speakers are confirmed except those marked with an asterisk**

WEDNESDAY, OCTOBER 9

REGISTRATION 14:00 – 19:00

Location: Harpa Conference Centre and Concert Hall

PRE-EVENTS

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. Participants must register separately at <https://www.unak.is/is/samfelagid/vidburdir/an-arctic-circle-assembly-pre-event-in-akureyri-iceland>

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
- Charlotte Ludvigsen, Mayor of Sermersooq, Greenland

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*

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

15:00 – 18:00 ARCTIC CIRCLE ADVISORY BOARD MEETING

Location: Harpa Concert Hall and Conference Centre, Reykjavik

Closed meeting – by invitation only

WEDNESDAY, OCTOBER 9

18:00 – 20:00 EXHIBITION OPENING: LITTLE THINGNESS OF GREENLAND
TITARTAKKAT MIKISUT KALAALLIT NUNAANNEERSUT:
ARCTIC SKETCHBOOKS BY BÉNÉDICTE KLÈNE

Location: Alliance Française of Reykjavík, 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

THURSDAY, OCTOBER 10

REGISTRATION 07:30-17:00

Location: Harpa Conference Centre and Concert Hall

SESSIONS 09:00 – 10:00

09:00 – 10:00 THE NORTH AMERICAN ARCTIC: NEW TRENDS IN REGIONAL SECURITY

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

SPEAKERS

- Dwayne Ryan Menezes, Founder and Managing Director, Polar Research and Policy Initiative (PRPI)
- Heather Nicol, Director, School for the Study of Canada, Trent University
- Major-General Randy 'Church' Kee, USAF (ret), Director, Arctic Domain Awareness Center, University of Alaska
- Christian Leuprecht, Professor, Royal Military College of Canada
- Tony Penikett, former Premier of Yukon, now Senior Associate, Simon Fraser University
- Mead Treadwell, former Lt Governor of Alaska; Chair of US Arctic Research Commission

09:00 – 10:00 THE EU AND THE POLITICS OF ARCTIC SECURITY AND MARINE SUSTAINABLE DEVELOPMENT

Organized by Konrad Adenauer Foundation, Nordic Countries Project

SPEAKERS

- Benjamin Schaller, PhD Candidate/Research Fellow, Centre for Peace Studies, University of Tromsø – 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:
Arctic Blue Economy and the European Union

THURSDAY, OCTOBER 10

- Christoph Humrich, Assistant Professor, Centre for International Relations Research/Arctic Centre, University of Groningen, The Netherlands:
The Multi-level Politics of Arctic Marine Environmental Governance and the EU

09:00 – 10:00 GREENLAND'S EMERGING FOREIGN POLICY QUESTIONS

Organized by Centre for Arctic Studies, University of Iceland; Political Science, University of Tromsø; The Arctic University of Norway

SPEAKERS

- Rasmus Leander Nielsen, 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, 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)

SPEAKERS

- *Trends in Arctic Policies and Strategies - The Arctic States*
 - Karen Everett, University of Laval
 - Barbora Padrtova, University of Masaryk
- *Trends in Arctic Policies and Strategies - The Observers of the Arctic Council*
 - Barbora Padrtova, University of Masaryk
 - Karen Everett, University of Laval
- Lassi Heininen, Research Director, INAR, University of Helsinki & Northern (Arctic) Federal University (NARFU), Russia:

THURSDAY, OCTOBER 10

Indigenous Peoples Approach to Arctic Policies - The Permanent Participants of the Arctic Council

- Tero Vauraste, Arctic Economic Council:
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

SPEAKERS

- Shawn Bennett, Deputy Assistant Secretary, Oil & Natural Gas, US Department of Energy
- Walter Guidroz, Program Coordinator, Energy Resources Program, U.S. Geological Survey
- John Guy, Deputy Executive Director, National Petroleum Council:
National Petroleum Council Arctic Research

NETWORKING COFFEE BREAK 10:00 – 10:15

SESSIONS 10:15 – 11:45

10:15 – 11:45 FROM THE SECOND ARCTIC SCIENCE MINISTERIAL TO THE THIRD ARCTIC SCIENCE MINISTERIAL

Organized by European Commission

SPEAKERS

- Tim Eder, Federal Ministry of Education and Research, Germany
- Attilio Gambardella, Policy Officer, European Commission
- Paavo-Petri Ahonen, Senior Ministerial Adviser, Ministry of Education and Culture, Finland
- Daisuke Doi, Deputy Director, Ministry of Education, Culture, Sports, Science and Technology, Japan
- Ásdís Jónsdóttir, Senior Adviser, Ministry of Education, Science and Culture, Iceland

THURSDAY, OCTOBER 10

10:15 – 11:45 INCREASING ENGAGEMENT BETWEEN THE GREENLANDIC AND U.S. RESEARCH COMMUNITIES – BRIDGING THE GAP

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

SPEAKERS

- Sten Lund, International Research Coordinator, Greenland Ministry of Industry, Energy and Research:
Greenland's Contribution to International Research
- Josephine Nymand, Chair, Greenland Research Council; Head of Dept. Greenland Institute of Natural Resources:
Greenland Challenges of Simultaneously Being Small and Big
- Jennifer Mercer, Ph.D., 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, Ph D., Research Assistant Professor of Environmental Studies, Science Outreach Coordinator, Institute of Arctic Studies, Dartmouth College
- Ellen Martin, Professor, Department of Geological Sciences, University of Florida; Co-Director, Florida Climate Institute
- Ivalu Barlach Christensen, Greenlandic Master's Student in Astrophysics, Lund University; Intern, Center for Astrophysics Harvard & Smithsonian/Greenland Telescope Project:
From Myth to Science

Moderator: Rebecca Lynge, First Secretary, Greenland Representation in Washington, D.C

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

SPEAKERS

- Bent-Ove Jamtli, Director of JRCC North Norway; ARCSAR Coordinator:
ARCSAR Network Overview
- Ståle Jamtli, Chief Operations at JRCC South-Norway:
Viking Sky Rescue Case
- Giles Thomas, Professor, University College London:

THURSDAY, OCTOBER 10

SEDNA Project Overview

- Zhiyuan Li, Chalmers Technical University:
Safe Arctic Navigation
- Nicolas Fournier, UK MET Office:
Arctic Weather and Sea Ice Forecasting

10:15 – 11:45 ENTREPRENEURSHIP AND INNOVATIONS IN THE ARCTIC: REGIONAL COOPERATION

Organized by the Northern Forum

SPEAKERS

- Alexander Tsybulskiy, Governor, Nenets Autonomous Okrug, Russian Federation; Chair Northern Forum
- Ásthildur Sturludóttir, Mayor of Akureyri, Iceland; Vice-Chair, Northern Forum
- Mika Riipi, Governor of Lapland, Finland
- Nikolai Korchunov, Ambassador at Large Ministry of Foreign Affairs; Senior Arctic Official, Russian Federation
- Aleksandr Pilyasov, General Director, Regional Consulting Institute; Director of the North and Arctic Economics Centre for the Study of Productive Forces
- Lassi Heininen, Professor of Arctic Politics, University of Helsinki, Finland
- Halldór Jóhannsson, Executive Director, Arctic Portal
- Timo Rautajoki, President & CEO, Lapland Chamber of Commerce, Lapland, Finland

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

SPEAKERS

- Ágúst Bogason, Junior Research Fellow, Nordregio
- Paula Lehtomäki, Secretary General, Nordic Council of Ministers
- Guðlaugur Þór Þórðarson, Minister for Foreign Affairs of 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, Institute for Atmospheric and Earth

THURSDAY, OCTOBER 10

System Research (INAR), University of Helsinki; Emeritus Professor,
Faculty of Social Sciences, University of Lapland, Finland:

*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
- *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, Young Icelandic Environmentalists
 - Tasha Elizarde, Arctic Youth Ambassador
- *Summary and Q&A*
 - Ágúst Bogason & 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

SPEAKERS

- Victoria Hermann, American University; President & Managing Director, The Arctic Institute
 - Michael Bravo, Senior Lecturer, Scott Polar Research Institute, Cambridge University
 - Jean de Pomereu, Photographer, Scott Polar Research Institute, Cambridge University
 - Greg Sharp, PhD Candidate at UBC; Editor-in-Chief, The Arctic Institute
 - Val Muzik, PhD Student at UBC; Research Associate, The Arctic Institute
- Moderator:** Lillian Hussong, PhD Candidate, Rutgers University;
Research Intern at The Arctic Institute

10:15 – 11:45 HOW TO CREATE STRENGTH-BASED YOUTH MOMENTUM IN THE ARCTIC? TRAUMA-INFORMED PROJECTS AND PRACTICES

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

SPEAKERS

- Eydís Kristín Sveinbjarnardóttir, Dean and Associate Professor, School of Health Sciences, University of Akureyri, Iceland:
Introduction to the Session and Reflection on Three Important Concepts

THURSDAY, OCTOBER 10

in Strength Based Care: Containment, Reciprocity and Behavioural Management

- Rhonda M. Johnson, Professor, University of Alaska Anchorage, USA; 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, Reykjavik, 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 Sædís Bryngeirsdóttir, PhD Student & Karen Birna Þorvaldsdóttir, PhD Student
- Moderator:** Eydís Kristín Sveinbjarnardóttir, Dean and Associate Professor, School of Health Sciences, University of Akureyri, Akureyri, Iceland

10:15 – 11:45 PRESERVING THE BIODIVERSITY – EXPLORING NEW CONSERVATION PLANNING MODELS

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

SPEAKERS

- Jean Lemire, Envoy for Climate Change and Northern and Arctic Affairs
 - Representative, Cree Nation Government, Québec, Canada*
 - Kari Poikela, Director, Digipolis – Kemi Technology Park*
 - Brandon Laforest, Senior Specialist, Arctic Species and Ecosystem, WWF-Canada
 - Jason Allaire, Director, Shared Services Nunavut, Agnico Eagle
- Moderator:** Robert Sauvé, former CEO of the Société du Plan Nord

THURSDAY, OCTOBER 10

10:15 – 11:45 SMART AND CONNECTED ARCTIC ENGINEERING – THE KEY TO A BETTER LIFE IN THE COLD

Organized by International Arctic Science Committee (IASC)

SPEAKERS

- Anne Barker, Arctic Program Leader / Ocean, Coastal and River Engineering / National Research Council Canada / 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, The University of Tokyo:
Outlook on maritime transport for sustainable Arctic

MODERATORS

- Hajime Yamaguchi, Professor, Dept. 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

10:15 – 11:45 URBAN INNOVATIONS FOR THE ARCTIC: INTERNATIONAL COOPERATION AS A DRIVER OF REGIONAL DEVELOPMENT

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

SPEAKERS

- Eduard Batanov, Vice-Governor of St. Petersburg:
Science and Education: The Scientific and Economic Potential of St. Petersburg, as One of The Arctic Centres of The Russian Federation
- Philip Kazin, Deputy Director of the National Research University Higher School of Economics in St. Petersburg:
Information technologies for improvement of quality and life safety in the Region: Telemedicine for Remote Regions of The Arctic and Education The Specialists in This Field

THURSDAY, OCTOBER 10

- Tero Vauraste, Finnish representative, House of Lapland Ambassador, Chairman, Finnish Arctic Society:
- Kirill Chistyakov, Vice-President of the Russian Geographical Society:
Cooperation of Nonprofit Organizations
- Igor Kuprienko, Head of Center for Project Development and Fundraising ITMO:
- *Practice and Prospects of The ITMO University Technologies Application in The Arctic*

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

NETWORKING LUNCH 11:45 – 12:30

OPEN TO ALL ASSEMBLY PARTICIPANTS

Hosted by Brim

PLENARY SESSIONS 12:30 – 17:00

Location: Silfurberg Hall, Harpa Second Level

12:30 – 15:00 OPENING SESSION

Speakers subject to change

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 Yamal-Nenets Autonomous Okrug

Questions and answers

VII. SPEECH: CHINA AND THE ARCTIC

- Ling Yueming, Vice Minister, Ministry of Natural Resources, China

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: A VISION OF SINGAPORE

- H.E. Sam Tan Chin Siong, Minister of State, Prime Minister's Office of Singapore

THURSDAY, OCTOBER 10

X. SPEECHES

- Dalee Sambo Dorough, Chair of the Inuit Circumpolar Council
 - H.E. Paula Lehtomäki, Secretary General, Nordic Council of Ministers
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15:00 – 15:15 COFFEE BREAK

Introduction to Brim Explorer, pollution-free hybrid-electric ships.
Location: Eyri, Harpa Second Level

15:15 – 15:40 THE ICELANDIC CHAIRMANSHIP OF THE ARCTIC COUNCIL

SPEECH

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

Questions and answers

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

THURSDAY, OCTOBER 10

16:40 – 17:00 A DIALOGUE WITH THE EUROPEAN COMMISSIONER FOR RESEARCH, SCIENCE AND INNOVATION

SPEECH

- H.E. Carlos Moedas, European Commissioner for Research, Science and Innovation*
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COFFEE BREAK 17:00-17:15

SESSIONS 17:15-18:15

17:15 – 18:15 INUIT LANGUAGE AND CULTURE: NOTHING ABOUT US, WITHOUT US Organized by Inuit Circumpolar Council (ICC) and ArKtiKa Company LLC.

SPEAKERS

- Edna Ahgeak MacLean, Ph.D., 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, Kommuneqarfik Sermersooq:
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:
Inuktitut – 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

SPEAKERS

- K.P.Krishnan, Scientist, Arctic Program and Logistics, National Centre for Polar and Ocean Research, India: Indian Arctic Program:
The Past Decade and Future Perspectives

THURSDAY, OCTOBER 10

- 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 **GREENLAND MOVING TOWARDS INDEPENDENCE: POLITICAL AND GLOBAL SECURITY POLICY CHALLENGES**
Organized by Inatsisartut, Parliament of Greenland

SPEAKERS TO BE ANNOUNCED

17:15 – 18:15 **GOVERNING EMERGING CLIMATE TECHNOLOGIES IN THE ARCTIC**
Organized by Carnegie Climate Geoengineering Governance Initiative (C2G), affiliated with the Carnegie Council for Ethics in International Affairs

SPEAKERS

- Sir David King, Affiliate Partner, SYSTEMIQ Limited; Senior Strategy Adviser to the President of Rwanda; Former UK Special Envoy for Climate Change:
The Science-Policy Interface – How are Governments Responding to the Urgent Climate Crisis in the Arctic, as Well as the Emergence of New Climate Technologies Including SRM?
- Jason Box, Professor in Glaciology, The Geologic Survey of Denmark and Greenland:
Scientific research – What Kinds of Emerging Climate Technologies Are Scientists Now Considering, or in Some Cases, Beginning to Test, to Protect or Preserve Arctic Sea Ice?
- **Moderator:** Cynthia Scharf, Senior Strategy Director, Carnegie Climate Governance Initiative (C2G)

17:15 – 18:15 **NEAR-FUTURE CHANGES IN THE NORTH ATLANTIC ARCTIC**
Organized by Bjerknes Centre for Climate Research, Bergen, Norway

SPEAKERS

- Martin Miles, PhD. Research Scientist, NORCE Norwegian Research Center and Bjerknes Centre for Climate Research, Bergen, Norway:

THURSDAY, OCTOBER 10

Climate, Sea Ice and The Marine Environment

Yajie Liu, Associate Professor, Faculty of Biosciences, Fisheries and Economics, UiT The Arctic University of Norway, and Senior Scientist, Centre for Economic Research of Norwegian University of Science and Technology (NTNU), Norway: *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

SPEAKERS

- Hafsteinn Helgasson, Director, EFLA Consulting Engineers
- Robert Howe, Managing Director, bremenports GmbH & Co. KG
- Capt. (N) Auðunn F. Kristinsson
- Elías Pétursson, Municipality of Langanesbyggð

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

Organized by University of Tromsø – the Arctic University; Maine North Atlantic Institute, University of Southern Maine; Reykjavik University; New England Ocean Cluster; Memorial University

SPEAKERS

- Glenn Cummings, PhD, President, University of Southern Maine, USA: *Regulations in the Arctic: A Barrier or a Necessity for Sustainable Development?*
- Patrick Arnold, President & CEO, New England Ocean Cluster: *Engaging Corporate CEOs with Universities; Bridging the Gap Between Academic Knowledge and Private Sector Practices*
- Robert Heiser, PhD, Department Chair, Business Administration, University of Southern Maine
- Sheila Downer, Strategic Northern Liaison, Office of Public Engagement, Memorial University and 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

THURSDAY, OCTOBER 10

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, Codland:

Arctic Economy – the Business Perspective

Moderator: Ari Kristinn Jónsson, PhD Rector, Reykjavik University

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)

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

- Thorsteinn Gunnarsson, Icelandic Centre for Research, Chair of 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 Organized by Coventry University London / Anvivo Research

SPEAKERS

- Gisele M. Arruda, Principal Researcher Circumpolar Studies, Energy Arctic & Climate Change, Anvivo.org, Coventry University London:

Towards a Sustainable Energy System through Smart Grids in the Arctic

THURSDAY, OCTOBER 10

- *A Low Carbon Arctic Energy System? Challenges, Opportunities and Trends*
 - 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
- Gisele M. Arruda, Principal Researcher Circumpolar Studies, Energy Arctic & Climate Change, Anvivo.org, Coventry University London: *Arctic Resource Development: A Sustainable Prosperity Project of Co-Management*
- Julianna Hogenson, Environmental Scientist, Tetra Tech Canada Inc.: *Geothermal Energy Development in the Arctic*
- Sarah Sternbergh, Environmental Scientist, Tetra Tech Canada Inc.: *Energy and Arctic Investment*
- Enzo A. J. Diependaal, (Arctic) Energy Systems Engineer, Segon B.V.: *Modelling of Longyearbyen's Energy System Towards 2050*

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

Organized by U.S. Arctic Research Commission, Wilson Center

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, University of Calgary
- Ambassador Bård Ivar Svendsen, Senior Arctic Official, Ministry of Foreign Affairs, Norway

Moderator: Fran Ulmer, Chair, U.S. 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

SPEAKERS

- Christina Viskum Lytken Larsen, Senior Researcher, National Institute of Public Health, University of Southern Denmark & University of Greenland: *Youth Perspectives on Well-Being Among Inuit Youth from Greenland*

THURSDAY, OCTOBER 10

- Ann Ragnhild Broderstad, Professor, Centre for Sami Health Research, University of Tromsø (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 SUSTAINABLE ARCHITECTURE IN THE ARCTIC

Organized by The Royal Danish Embassy in Iceland & The Royal Danish Academy of Fine Arts (KADK)

SPEAKERS

- David Garcia, Associate Professor, KADK:
Architecture in the Arctic, Problem or Solution?
- Martin Kotol, Assistant Professor, Technical University of Denmark (DTU):
Energy Consumption and Indoor Climate in the Arctic
- Aaron Cook, Architectural Researcher, CCHRC, Fairbanks, Alaska:
Landscape and Weather Conditions, Construction that Lasts in Extreme Environments
- Representative from Greenland, e.g. an official from Sermersooq municipality in Greenland

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

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

SPEAKERS

- Heather Exner-Pirot, University of Saskatchewan & The Arctic Yearbook:
The Arctic Economic Development Paradigm and its Failures
- Mario Pontes, University of Lisbon:
The Growing Importance of Geoeconomics 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

THURSDAY, OCTOBER 10

Northern and Eastern Regions' Development

Moderator: Lassi Heininen, Research Director, INAR, University of Helsinki & Thematic Network on Geopolitics and Security

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 U.S. Embassy in Iceland

SPEAKERS

- Lara Hoffmann, Ph.D. Candidate in Social Studies, University of Akureyri:
Icelandic Language Learning Amongst Immigrants in Iceland
- Jessica Kantarovich, Ph.D. Candidate in Linguistics, University of Chicago:
The Effects of Language Shift and Social Change on Chukchi Narrative and Morphosyntax
- Hilary McMahan, Ph.D. Candidate in linguistics at the 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 ARCTIC SECURITY – A GLOBAL CHALLENGE?

Organized by the University of Southern Denmark and Loughborough University

- Caroline Kennedy-Pipe Professor, Loughborough University
- Klaus Dodds, Professor, Royal Holloway, University of London*
- Duncan Depledge, Loughborough University
- James Rogers, University of Southern Denmark and Yale University
- Devin Stewart, Carnegie Council

SESSIONS 18:30 – 19:30

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

SPEAKERS

- Ireneusz Sobota, Piotr Weckwerth, Tomasz Grajewski:
Changes of Kaffiøyra Region Glaciers and their Forefields, Svalbard – 20 Years of Research
- Professor, Head of Department of Geomorphology and Palaeogeography of Quaternary, Nicolaus Copernicus University in Toruń, Poland
- Wiesław Ziaja, Professor, Jagiellonian University, Institute of Geography and Spatial Management, Krakow, Poland:
New Landscape of Areas Abandoned by Glaciers in the SE Spitsbergen after 1900
- *Vegetation Succession and Soil Development in Forelands of Svalbard Glaciers*
 - Paulina Wietrzyk-Pełka, Jagiellonian University
 - Michał Węgrzyn, Ph.D. Jagiellonian University
- Professor Z. Czeppe Department of Polar Research and Documentation, Institute of Botany, Krakow, Poland
- Marek Kasprzak, Ph.D. Institute of Geography and Regional Development, University of Wrocław, Wrocław, Poland:
Impact of Liquid Water on Permafrost in Coastal, Paraglacial Environment: Geophysical and Geomorphological Approach
- **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 SUPPORTING INUIT YOUTH AND CHILDREN

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

SPEAKERS

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

THURSDAY, OCTOBER 10

Support They Need

- Pangaanga Pangawyi, Wellness Program Director, Kawerak, Inc.:
Holding Space:

Multigenerational Healing and Community Empowerment

- *Students on Ice*
 - Shelton Nipisar from Arviat, Nunavut
 - Devon Manik from Resolute, Nunavut

18:30 – 19:30 COMMUNICATIONS IN THE ARCTIC – SPACE WEATHER PHENOMENOLOGY, NEW TECHNOLOGICAL APPROACHES

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

SPEAKERS

- Robert McCoy, Director of Geophysical Institute, University of Alaska, Fairbanks
- Shelley Johnson, Chief Engineer, Arctic Communications Domain Area Lead, The MITRE Corp
- Jennifer Forsyth, Engineer, High Frequency Arctic Research, the MITRE Corp
- Lucien Teig, Principal Scientist, Aurora and Polar effects, The MITRE Corp

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

SPEAKERS

- Neil O'Rourke, Assistant Commissioner, Arctic Region, Canadian Coast Guard
- Gabriel Nirlungnayuq, Regional Director General, Arctic Region, Fisheries and Oceans, Canada
- Beverly Foster, Manager, Indigenous Relations and Partnerships, Coast Guard Arctic Region
- Cal Wenghofer, Director, Arctic Engagement and Liaison, DFO Arctic Region

THURSDAY, OCTOBER 10

18:30 – 19:30 SAVING THE ARCTIC: ETHICS, VALUES AND THE NEXT GENERATION

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

SPEAKERS

- Ashley Komangaapik Rose Cummings, Indigenous rights activist for Inuit communities in Canada; Member of Canadian Prime Minister's Youth Council
 - Maria Krabbe Hammershøy, Secretary General of Caritas Denmark; Board Member of Justice and Peace Europe
 - Sir David King, Affiliate Partner, SYSTEMIQ Limited; Senior Strategy Adviser to the President of Rwanda; Former UK Special Envoy for Climate Change
 - Ilona Mettinen, researcher, Arctic Centre, University of Lapland
- 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

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

THURSDAY, OCTOBER 10

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

SPEAKERS

- Ari Trausti Guðmundsson, Member of the Icelandic Parliament:
The Layman's Aid - The Legacy of Citizen Science in Iceland
- Beatrice Dossah, UNU Land Restoration Training Programme, Iceland and Environmental Protection Agency, Ghana:
Improving Research Efficiency - Stakeholder Viewpoints
- Jónína S. Þorlákssdóttir, Manager, Rif Field Station, Iceland:
Increasing Environmental Sustainability through Partnered Knowledge Management
- Pâviâraq Jakobsen, 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, USA
 - Jame Schaefer, Associate Professor, Theology, Marquette University, USA

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

SPEAKERS

- Opik (Marlene) Ahkinga, Mayor of Little Diomede, Alaska, & Environmental Coordinator for the Native Village of Diomede
- Delbert Pungowiyi, Tribal Council, Native Village of Savoonga
- Derek Akeya, Tribal Council, Native Village of Savoonga
- June Walunga, representative of the Native Village of Gambell
- Dr. Olivia Lee, Assistant Professor, International Arctic Research Center, University of Alaska Fairbanks
- Sergei Khrushchev, Director of the Department for State Policy and Regulation in the Area of Hydrometeorology and Studying the Arctic,

THURSDAY, OCTOBER 10

Antarctica and the World's Oceans, the Ministry of Natural Resources and Environment of the Russian Federation

- Natalia Slugina, Head of Department of International Relations, Office of the Governor, Chukotka, Russian Federation

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)

SPEAKERS

- Halldór Jóhannsson, Arctic Portal and SAON Arctic Data Committee:
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

SPEAKERS

- David Lubell, Director, Welcoming International
- Mara Kimmel, Deputy Director, Anchorage Museum
- Ethan Berkowitz, Mayor of Anchorage, Alaska
- Aaron Leggett, Indigenous Curator of History & Culture, Anchorage Museum

18:30 – 19:30 SEEKING A STRATEGIC PLAN FOR THE ARCTIC COUNCIL

Organized by the U.S. Arctic Research Commission, Wilson Center

Private meeting – by invitation only

THURSDAY, OCTOBER 10

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

Organized by the Arctic Initiative at the Kennedy School of Government, Harvard; Arctic Today

SPEAKERS

- Elizabeth Arnold, Professor, Department of Journalism, University of Alaska & Former NPR Correspondent:
The Importance of Stories of Resilience & Adaptation in Media Coverage of Arctic Climate Change
- Mark Trahant, Editor, Indian Country Today:
How Media Cover—or Don't Cover—Arctic Indigenous Peoples
- Heather Exner-Pirot, Managing Editor, Arctic Yearbook & Contributor, Eye on the Arctic-Radio Canada:
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

SPEAKERS

- Marine Gorner, International Energy Agency:
Global Battery Electric Vehicle (BEV) Deployment Trends
- Fuel Cell Electric Vehicle (FCEV) Development and Commercialization
 - Sunita Satyapal, United States Department of Energy
 - Robert Dixon, United States Department of Energy
- Michael Kass, Oak Ridge National Laboratory:
Biofuel Potentials in Marine Applications
Moderator: Michael Wang, Argonne National Laboratory

18:30 – 19:30 SCIENCE COOPERATION AND INNOVATIVE TECHNOLOGIES IN THE TERRITORY OF DIALOGUE;

Organized by Korea Arctic Research Consortium (KoARC)

SPEAKERS TO BE ANNOUNCED

THURSDAY, OCTOBER 10

18:30 – 19:30 SHAPING ECOTOURISM

Organized by Manicouagan – Uapishka UNESCO Biosphere Reserve

SPEAKERS

- Jean-Philippe L. Messier, Founder & General, UNESCO Biosphere Reserve of Manicouagan-Uapishka
- Ragnhildur Sigurðardóttir, Snaefellsnes Regional Park
- Rosalind Bryce, SHAPE Project Manager, University of the Highlands and Islands, UK

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

Organized by Arctic Encounter

SPEAKERS

- Mead Treadwell, President of Treadwell Development; Chairman, Arctic Circle Task Force on Shipping and Ports; Member, Arctic Encounter Advisory Board
- Ambassador David Balton, former Deputy Assistant Secretary of Oceans and Fisheries, Department of State; Fellow, the Wilson Center
- Beth Kerttula, J.D., former Alaska State Legislator; Former National Oceans Policy Advisor to the White House (Obama Administration); Member, Arctic Encounter Advisory Board
- Rachel Kallander, J.D., Founder & Executive Director, the Arctic Encounter; Managing Partner, Kallander & Associates LLC

18:30 – 19:30 DEVELOPMENT OF ARCTIC ARCTIC BIOMONITORING IN RUSSIA

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

SPEAKERS

- Tatiana Sorokina (moderator), 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 Analytical Skills – Main Factor in Arctic Biomonitoring System Advance
- Valerii Chashchin, Senior Research Officer of the Arctic Biomonitoring Laboratory, Northern (Arctic) Federal University:

THURSDAY, OCTOBER 10

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

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)

SPEAKERS

- Tayana Arakchaa, Researcher, Tuvan Institute in the Humanities and of Applies Social and Economic Research:
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
- Thorsteinn Gunnarsson, Senior Adviser, The Icelandic Centre for Research (RANNÍS), Chair, Sustaining Arctic Observing Networks (SAON)
- Tayana Arakchaa, PhD candidate, Tuvan Institute in the Humanities and of Applies Social and Economic Research
- 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:** H.E. Herbert Beck, Ambassador of Germany to Iceland

WELCOME RECEPTION 19:30 – 20:30

OPEN TO ALL ASSEMBLY PARTICIPANTS

Hosted by Icelandair Group

Location: Norðurbryggja Hall, Harpa Ground Level

SESSIONS 20:30 – 21:30

20:30 – 21:30 THE STEFANSSON MEMORIAL LECTURE

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

SPEAKER

- Michael Bravo, Senior Lecturer, Scott Polar Research Institute, Cambridge University

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

Organized by Ecologic Institute US

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 FRAM FORUM

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

SPEAKERS

- Anne Husebekk, Chancellor of University of Tromsø – the Arctic University of Norway; Chair of the Fram Centre Advisory Board
- Frode Kjersem, Director, Fram Centre AS

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

Organized by Institute of Regional Consulting, Moscow

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

THURSDAY, OCTOBER 10

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 DIALOGUE WITH ENVIRONMENTAL LEADERES:
RECEPTION HOSTED BY THE ICELANDIC MINISTER OF THE
ENVIRONMENT**

Organized by the Ministry of Environment and Natural Resources of Iceland

Private reception – by invitation only

ARCTIC CIRCLE BAR OPEN 20:30 – 24:00

Location: Outside Kolabrautin, Harpa Fourth Level

FRIDAY, OCTOBER 11

REGISTRATION 08:00 – 17:00

SESSIONS 08:00 – 09:00

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

SPEAKERS

- Park Heung Kyeong, Ambassador Arctic Affairs, Republic of Korea
- Einar Gunnarsson, Ambassador Arctic Affairs, Chair of the Senior Arctic Officials of the Arctic Council; Ministry of Foreign Affairs, Iceland:
Addressing Common Concerns: International Cooperation and the Arctic Council
- Tom Barry, Executive Secretary, Conservation of Arctic Flora and Fauna International Secretariat:
The Arctic Migratory Birds Initiative: Working Together to Address Population Decline in Arctic-Breeding Migratory Species
- Sung-Ryong Kang, General Manager, Department of International, Division of External Relations, National Institute of Ecology:
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

SPEAKERS

- Kári Fannar Lárusson, Programme Manager, CAFF Secretariat
- Oscar D. Avila, US Embassy Reykjavik Iceland Public Affairs Officer:
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
 - Kolbrún Póra Sverrisdóttir, Biology student
 - Kristbjörg Mekkín Helgadóttir, Student

FRIDAY, OCTOBER 11

- Tasha Elizarde, Arctic Youth Ambassador 2017 – 2019
- *Youth Summit Recap and Delivery of Declaration, Youth Summit Participants*
 - Pétur Halldórsson, Chair of Icelandic Youth Environmentalist Association
 - Tasha Elizarde, Arctic Youth Ambassador 2017 – 2019
- *Youth Exchange Iceland, Finland, Norway and the U.S*
 - Kolbrún Póra Sverrisdóttir, Biology student
 - Kristbjörg Mekkín Helgadóttir, Student
- *Arctic Youth Network, What Can Happen When You Create Space for Dialog*
 - Pétur Halldórsson, Chair of Icelandic Youth Environmentalist Association
 - Tasha Elizarde, Arctic Youth Ambassador 2017 – 2019
- **Moderator:** Tom Barry, Executive Secretary, CAFF Secretariat

08:00 – 09:00 ARCTIC TRANSPORTATION ROUTES: IMPLICATIONS FOR ENERGY SUPPLY AND ENERGY SECURITY

Organized by ONS Foundation

SPEAKERS

- Ingvild Meland, ONS Programme Director
- Liv Monica Stubholt, Partner in law firm Selmer and Board Member World Ocean Council Selmer:
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

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
- Madeleine Redfern, Mayor of Iqaluit, Canada
- Ethan Berkowitz, Mayor of Anchorage, Alaska

FRIDAY, OCTOBER 11

08:00 – 09:00 SPORT IN THE ARCTIC - CHALLENGES AND OPPORTUNITIES FOR YOUTH

Organized by the Embassy of France to Iceland

SPEAKERS

- Nicolas Dubreuil, Director of Expedition Cruises, Director of Sustainability, Corporate Expedition Leader, Expedition Cruise
- Bixente Lizarazu, Sports Consultant; Former French International Football Player
- Bertrand Lauth, Specialist Doctor of Addictions Working in Iceland and Greenland
- Ásthildur Sturludóttir, Mayor of Akureyri:
Policy Making in the Area of Sport
- Representative of the Arctic Youth Network*
- Viacheslav Fetisov, Former Russian Hockey Player; United Nations Environment Programme's Patron for the Polar Regions; Chairman of the State Duma Committee for Physical Culture, Sport, Tourism and Youth Affairs, Russian Federation

08:00 – 09:00 A RENEWABLE ARCTIC: GREEN ENERGY TRANSITIONS

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

SPEAKERS

- Yngve Birkelund, Professor, ARC, University of Tromsø:
Electrical Airplanes
 - Matteo Chiesa, Professor, ARC, University of Tromsø: *Wind Power*
 - Odin Eikeland, Research Fellow, ARC, University of Tromsø:
Solar Power
 - Silje Lundberg, Chair, Friends of the Earth Norway: *NGO Discussions*
 - Bjarte Hoff, Associate Professor, ARC, University of Tromsø:
Electrification of The Fishing Industry
 - Gunn Tove Bjerkan, Marketing Director, Ishavskraft:
Smart Energy Solutions
 - Berit Kristoffersen, Associate Professor, ARC, University of Tromsø:
Renewable and Viable Energy Futures
- Moderator:** Michael Bravo, senior lecturer, Scott Polar Research Institute, University of Cambridge

PLENARY SESSIONS 09:00 – 11:15

Location: Silfurberg Hall, Harpa Second Level

**09:00 – 09:50 DIALOGUE WITH REGIONAL LEADERS:
USA – RUSSIA – CANADA - CHINA**

SPEAKERS

- Honorable Janet Mills, Governor of Maine, United States
- Honourable Brian Pallister, Premier of Manitoba, Canada
- H.E. Andrey Chibis, Governor of Murmansk Oblast*
- H.E. Liu Ning, Governor of Qinghai Province, China

**09:50 – 10:10 PAVING THE POLAR SILK ROAD
CHINA – RUSSIA – JAPAN – KOREA**

SPEECH

- Henry Tillman, Chairman and Chief Executive Officer, Grisons Peak Services Ltd

**10:10 – 10:30 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

**10:30 – 10:45 BRINGING ANIMALS BACK TO THE ARCTIC:
A NEW WAY TO FIGHT CLIMATE CHANGE**

SPEAKER

- Nikita Zimov, Director, Pleistocene Park

10:45 – 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

COFFEE BREAK 11:00 – 11:15

SESSIONS 11:15 – 12:00

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

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

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

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

FRIDAY, OCTOBER 11

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

Organized by TM Insurance

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 Porgeirsson, Chair, Iceland's Climate Council

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

Organized by National Renewable Energy Laboratory (NREL), USA

SPEAKERS

- Gail Mosey, National Renewable Energy Laboratory (NREL)
 - Clay Koplin, Cordova Electric Cooperative, Inc.
 - Gwen Holdmann, 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

SPEAKERS

- David Scott, President, Polar Knowledge Canada: Science for Diplomacy:
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

FRIDAY, OCTOBER 11

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

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

SPEAKERS

- H.E. Ane Lone Bagger, Minister for Education, Culture, Church and Foreign Affairs, Greenland
- Julia Pars, Managing Director, Visit Greenland
- Þórdís Kolbrún Reykfjörð Gylfadóttir, Minister of Tourism, Industry and Innovation, Iceland
- Representative of Visit Iceland*

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

Organized by A GlobalArctic Mission Council at Arctic Circle Assembly

SPEAKERS

- Miyase Christensen, Professor, Leading Research Environment in Global Media Studies and Politics of Mediated Communication University of Stockholm
- Dalee Sambo Dorough, Inuit Circumpolar Council
- Heather Exner-Pirot, 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 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

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, USA:
Ocean Food Businesses Connected to Applied Academia in the New North
- Jay Friedlander, Sharpe-McNally Chair of 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, USA

FRIDAY, OCTOBER 11

11:15 – 12:00 BUILDING A REGIONAL DEVELOPMENT BANK FOR FINANCING INFRASTRUCTURE IN THE ARCTIC

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

SPEAKERS

- Dwayne Ryan Menezes, Founder & Managing Director, Polar Research and Policy Initiative (PRPI)
- Mead Treadwell, Former Lieutenant Governor of Alaska; Chair of United States Arctic Research Commission
- Alice Rogoff, Publisher & Editorial Director, Arctic Today
- Toby Norfolk-Thompson, Managing Director, Barclays PLC

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

Organized by Global Affairs Canada

SPEAKERS

- David Sproule, Senior Arctic Official & Director General for Arctic, Eurasian, and European Affairs, Global Affairs Canada
 - Lilian Brewster, Vice President Indigenous Community Relations & Development, ATCO & Canadian Arctic Economic Council Member
 - Heather Bourassa, Jane Glassco Northern Fellow & Business Owner
- Moderator:** Jutta Wark, Director, Nordic & 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

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

FRIDAY, OCTOBER 11

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

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

SPEAKERS

- Kristin Røymo, Mayor of Tromsø:
Sustainable Tourism in the Arctic
 - Guðrún Þóra Gunnarsdóttir Director of the 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

PANEL

- Kristin Røymo, Mayor of Tromsø, Norway
- Annika Olsen, Mayor of Torshavn, Faroe Islands
- Guðrún Þóra Gunnarsdóttir Director of the Icelandic Tourism Research Centre

11:15 – 12:00 CAN WE SAVE THE WORLD WITH PROJECT MANAGEMENT

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

SPEAKERS

- *Project Management and the Arctic*
 - Dr. Helgi Þór Ingason, Curator of the MPM Program
 - Dr. Haukur Ingi Jónasson, Curator of the MPM Program
 - Íris Hrunn Þórarinsdóttir MPM, Curator of the MPM Program, Reykjavik University
- Dr, Gilbert Silvius, Professor of Project and Programme Management, Project Manager for the Qorlortorsuaq Hydropower Plant, Greenland, Verkís Consulting Engineers:
Managing Complex Sustainable Projects in Highly Demanding Environmental Circumstances

NETWORKING LUNCH 12:00-12:45

OPEN TO ALL ASSEMBLY PARTICIPANTS

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

PLENARY SESSIONS 12:45 – 16:45

Location: Silfurberg Hall, Harpa Second Level

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

Organized in cooperation with Arctic Economic Council

SPEAKERS

- Jukka-Pekka Joensuu, Executive Advisor, Cinia
- Tsuyoshi Yamamoto, Professor, Graduate School of Information Science and Technology, University of Hokkaido, Japan; founding member of Cloudnetworks Inc.
- Khaled Sedrak, Founder and CEO, NxtVn
- Stanislav Dimukhametov, Founder, ProArctic, Russia
- Anne Graf, Chief Executive Officer, Hydro 66, Sweden

CHAIR

- Anu Fredrikson, Director, Arctic Economic Council

13:25 – 14:05 DIALOGUE WITH U.S. SENATORS

SPEAKERS

- Senator Lisa Murkowski, United States Senate
- Additional speakers to be announced

14:05 – 14:35 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

- Laurel Katchatag, Alaska, (Inuit, Alaska)
- Simon Coady, Ottawa, Ontario, Canada (Inuit, Canada)
- Paninnguaq Tarrak-Petrussen Youth advocate, (Inuit, Greenland)
- Sunna Nousuniemi Festival Producer, Indigenous Peoples' Film Festival, Finland (Saami, Finland)

CHAIR

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

14:35 – 14:50 COFFEE BREAK

FRIDAY, OCTOBER 11

14:50 – 15:10 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

15:10 – 15:50 ARCTIC-GLOBAL INDIGENOUS DIALOGUE

Organized in cooperation with Nia Tero

SPEAKERS

- Joji Carino, Senior Advisor, Forest Peoples Programme*
- Hindou Ibrahim, Founder, Association for Indigenous Women and Peoples of Chad (AFPAT)*
- P.J. Akeegoq, President, Qikiqtani Inuit Association*

15:50– 16:30 CLIMATE CHANGE IMPACTS ON ARCTIC AND PACIFIC FISHERIES

Organized in cooperation with Conservation International

SPEAKERS TO BE ANNOUNCED

16:30 – 16:45 DIALOGUE WITH THE MAYOR OF ANCHORAGE

SPEECH

- Ethan Berkowitz, Mayor of Anchorage, Alaska

Questions and answers

COFFEE BREAK 16:45 – 17:00

SESSIONS 17:00 – 18:30

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

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

SPEAKERS

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

FRIDAY, OCTOBER 11

- Roman V. Kopin, Governor, Chukotka Autonomous Okrug*
- Aleksandr V. Tsybulsky, Governor, Nenets Autonomous Okrug*
- Representative from Russia's Arctic Futures-2050*
- Andrey N. Petrov, President, International Arctic Social Sciences Association; Director, ARCTICenter, University of Northern Iowa
- Marya S. Rozanova, Advisor, Russian State Hydrometeorological University; Professional 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 Republic of Sakha (Yakutia)

MODERATORS

- Andrey N. 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, Fletcher School at Tufts, University of Alaska Fairbanks, University of Greenland, University of Iceland and Reykjavík University

SPEAKERS TO BE ANNOUNCED

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

Organized by the Icelandic Meteorological Office

SPEAKERS

- Paul Morin, Director, Polar Geospatial Center, University of Minnesota, USA.:
The Arctic-DEM Data Set, with Examples of Applications to Glaciated Regions
- Martin Sharp, Faculty of Science, University of Alberta, Canada:
The Present State of Glaciers and Ice Caps in Arctic Canada
- Barbara Barzycka, PhD student, Centre for Polar Studies, University of Silesia, Poland:
Recent Mass Loss from Svalbard Glaciers
- René Forsberg, Geodynamics group, DTU-Space, Denmark:
Mass-balance of the Greenland Ice Sheet

FRIDAY, OCTOBER 11

- Guðfinna Aðalgeirsdóttir, University of Iceland:
Glaciers and Ice Caps in Iceland
- Þorsteinn Þorsteinsson, Research scientist, Veðurstofa Íslands, Reykjavík

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

SPEAKERS

- Peter Hinchliffe OBE, Former Secretary General International Chamber of Shipping, Independent Maritime Consultant: *Introduction*
- Nicole Biebow, ARICE Coordinator, Alfred Wegener Institut, Helmholtz Centre for Polar and Marine Research:
Towards a Sustainable Development of the Arctic: Providing Europe with Better Capacities for Marine-Based Research in the Ice Covered Arctic Ocean. Overview of ARICE and ARICE Project and EU Polar Cluster
- Nick Hughes, KEPLER Coordinator, Norwegian Meteorological Institute, Leader of the Norwegian Ice Service:
Using a Wide Variety of Tools Including Satellite Imagery Processing, Community-Based Observations, and Artificial Intelligence to Provide Guidelines for the Future Development of Copernicus Earth Observation Programme. 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 for Vard Marine's Ottawa office, Fincantieri Group, presentation title: Industry priorities support safe, responsible, and effective industry operations in the Arctic Ocean (2 of 2)
- 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

FRIDAY, OCTOBER 11

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

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

SPEAKERS

- Masao Fukasawa, Project Director of Arctic Challenge for Sustainability (ArCS), Japan
- Atsushi Sunami, Vice-president of 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, Professor National Institute for Polar Research (NiPR), Science Coordinator of ArCS:
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
- Yuichiro Fujioka, 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

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

SPEAKERS

- Adam Netzer Zimmer, PhD student at the University of Massachusetts Amherst, Fulbright-NSF Arctic research fellow at the University of Iceland:
Understanding Inequality through Icelandic Anatomical Collections
- Nicholas Robinson, PhD student, University of California Davis, Fulbright-NSF Arctic research fellow at the University of Iceland:
Diversification and Sustainability of Subarctic Agriculture and Food Systems
Greta Wells, PhD candidate, University of Texas Austin, Fulbright-NSF

FRIDAY, OCTOBER 11

Arctic research fellow at the 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 at the University of Iceland:
Reconstructing Glacial Lake Outburst Floods along the Hvítá River and Gullfoss Waterfall, Iceland
 - Lauren Fields, Foreign Affairs Specialist, NOAA, Fulbright-MFA Arctic Scholar at the University of Akureyri:
Fisheries Management: Iceland and the Central Arctic Ocean Agreement
 - Ross Virginia, Co-lead scholar, Fulbright Arctic Initiative (FAI), Director of the Institute of Arctic Studies and Myers Family Professor of Environmental Science at Dartmouth College:
Brief Overview of The Fulbright Arctic Initiative
 - Lára Jóhannsdóttir, Professor, University of Iceland, FAI Scholar:
The Role of Non-Life Insurance Companies in Economic Development in the Arctic
 - Soili Nysten-Haarala, Professor, University of Lapland, FAI 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, FAI scholar:
Community Health Workers in The Circumpolar North
 - Gwen Healy Akearok, Co-Founder, Executive and Scientific Director, Quajigartiit Health Research Center:
Health Research Conducted Locally, by Northerners, and with Communities, in a Supportive, Safe, Culturally Responsive, and Eethical Environment
 - Christina Larsen, Research Director Center for Public Health (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

FRIDAY, OCTOBER 11

17:00 – 18:30 NORTHERN SEA ROUTES: ECONOMIC OPPORTUNITY FOR INDIGENOUS REINDEER HERDING SOCIETIES FOR SUSTAINABLE DEVELOPMENT

Organized by UArctic EÁLAT Institute and Centre for High North Logistics

SPEAKERS TO BE ANNOUNCED

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

SPEAKERS

- Ambassador Marie-Anne Coninx, 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 / Director ICRU, Ministry for Foreign Affairs, Iceland:
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, Territorial Development Unit

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:

FRIDAY, OCTOBER 11

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 Midtkantal, 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

SPEAKERS

- Paul Wheelhouse, Minister for Energy, Connectivity and the Islands:
Arctic Policy Framework and National Islands Plan:
The Scottish Government's Participative Approach at Empowering Rural Communities
- Francesco Sindico, Co-Director, Strathclyde Centre for Environmental Law and Governance:
Scotland Paving the Way in Global Island Governance: From Rhetoric to Reality
- Petra Granholm, Åland Islands Peace Institute: The Development and Sustainability Agenda:
A Bottom-Up Process in the Åland Islands

17:00 – 18:30 EU SPACE PROGRAMS FOR PEOPLE IN THE ARCTIC

Organized by the European Union

SPEAKERS

- Kimmo Kanto, Head of Space, Business Finland:
A Perspective of the Finnish Presidency of the EU Council on the Space Business Ecosystem
- Matthias Petschke, Director, European Commission:
Plans for the EU Space Programme
- Dan-Claudiu Chirondoian, Director, JRC Space, Security and Migration:
Studies Performed by JRC on the Synergies Between Different Space Programmes for the Arctic
- Mauro Facchini, European Commission Head, Copernicus Infrastructure Unit:

FRIDAY, OCTOBER 11

An Overview of the Current and Future EU Space Activities in the Domain of Earth Observation and the Copernicus Programme

- Carlo des Dorides, Executive Director, EGNSS Agency:
An Overview of Current and future Market Uptake Activities for EGNSS Services
 - Representative from the European Space Agency:
Technical aspects of the European space programmes
 - Juhani Damski, Director General, Finnish Meteorological Institute
 - Éric Laliberté, Director General, Space Utilization, Canadian Space Agency:
Canadian Space Initiatives and their Benefits to the Arctic
- Moderator:** Marie-Anne Coninsx, EEAS, Ambassador at Large for Arctic Affairs of the European Union.

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

Organized by the University of Akureyri

SPEAKERS

- Tukumminnguaq Nykjær Olsen, M.A. Candidate, Ilisimatusarfik (University of Greenland); Special Assistant, Inuit Circumpolar Council, Greenland:
Inuit Legal Principles and Living Resource Management in Kalaallit Nunaat
- Kamrul Hossain, Research Professor, Northern Institute for Environmental and Minority Law, University of Lapland:
Negotiating the Rights of Indigenous Peoples within the Framework of International Law
- *Indigenous Peoples' Land Rights in Finland and Sweden – Contemporary Perspectives*
 - Tanja Joonas, Senior Researcher, Arctic Centre, University of Lapland
 - Juha Joonas, Senior Researcher, University of Lapland
- 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

SPEAKERS

- Julie Decker, Director/CEO, Anchorage Museum
- Marek Ranis, Associate Professor, University of North Carolina at

FRIDAY, OCTOBER 11

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, and the Technical University of Denmark (DTU)

SPEAKERS

- H.E. Pórdís Kolbrún R. Gylfadóttir, Minister of Justice, Industry, Innovation and Tourism, Iceland*
- *Arctic Spinoff Pitches:*
 - Jørgen Kejlberg, CEO of Nordic Firefly
 - Pekka Laurila, CSO & Co-Founder of Iceye
 - Helga Dögg Flosadóttir, CEO & Co-Founder of Atmonia

PANEL

- Einar Mäntylä, CEO, Auðna – Technology Transfer Office, Iceland; former Innovation Manager, University of Iceland
- Janne Laine, Vice President of Innovation, Aalto University; Board Member, NORDTEK (Network of Nordic and Baltic Technical Universities, the Finnish Foundation for Technology Promotion TES)
- Anders Haugland, CEO, VIS, the Bergen innovation and Technology transfer office;
- Jørgen Kejlberg, Senior Business Developer, Office for Innovation and Sector Services, Technical University of Denmark (DTU); CEO, Nordic Firefly
- Henric Rhedin, Vice President for Policy, ASTP; Board Member, Swedish Network for Innovation and Tech Transfer Support (SNITTS); Board Member, SHT; Business Developer, Göteborg University
- Christian Wennecke, Deputy Manager & Special Advisor, Greenland Business
- Michael André Jonsson, Senior Executive Business Development Officer, DTU Tech Transfer

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

FRIDAY, OCTOBER 11

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)

SPEAKERS

- Mark MacDonald, Indigenous Bishop, Anglican Church in Canada; Chairman, World Council of Churches in North America
- Peter Fischer-Möller, Bishop of Roskilde; Member, Executive Committee of the Danish Counsel of Churches; Participant, Working Group on the Green Church in Denmark
- Sofie Petersen, Bishop of Greenland in the Lutheran Evangelic Church of Denmark
- Cassandra Carmichael, Executive Director, National Religious Partnership for the Environment, Washington DC, USA
- Beatrice Dossah, Environmental Protection Agency, Ghana; Ambassador, Economics of Land Degradation Initiative
- Rev. Dr. Jim Antal, Special Advisor on Climate Justice to the General Minister; President of the United Church of Christ

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

17:00 – 18:30 ARCTIC WETLANDS: HOW CAN THEIR 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)

SPEAKERS

- Tom Barry, Executive Secretary, 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, CAFF; University of Washington: Indigenous Perspectives and Engagement in Wetlands Management
- Eyþór Eðvarðsson, Icelandic Wetland Fund, Restoring wetlands:
Getting Things Moving

SESSIONS 18:30 – 19:30

18:30 – 19:30 CONNECTING ARCTIC SCIENCE WITH SOCIETY: LESSONS LEARNED AND PROGRESS

Organized by EU-PolarNet and Nunayartuk (Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research)

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 and Research Director, Stefansson Arctic Institute:
Science for Socioeconomic Adaptation – An Example from the Arctic Coasts
- Marie-Noelle Houssais, Research Director, CNRS-LOCEAN:
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

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, Government of Northwest Territories, Canada:
A Vision for Strengthening Canada's Position in The Arctic
- Madeleine Redfern, Mayor of Iqaluit:
Big Visions for Small Communities
- Karl Kenny, President & CEO, Kraken Robotics Ltd:
Science Vision

Moderator: Lee Carson, President, NORSTRAT Consulting Inc

FRIDAY, OCTOBER 11

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)

SPEAKERS

- Jón S. Ólafsson, Senior Scientist, Marine & Freshwater Research Institute
 - Jónína Sigríður Þorlákssdóttir, Station Manager, Rif Field Station
 - 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
 - Skúli Skúlason, Professor, Hólar University College
 - Þorvarður Árnason, Director, University of Iceland's Research Centre in Hornafjörður
- 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

SPEAKERS

- Costs, Capabilities and Coordination: NORDEFSCO at Ten
 - Page Wilson, Associate Professor, University of Iceland
 - Isak Kari Karason, Masters graduate, University of Iceland
 - Silja Bára Ómarsdóttir, Associate Professor, University of Iceland: *Iceland's Foreign and Security Policy*
 - Maria Ackren, Associate Professor, University of Greenland: *The Triangle Drama of Pituffik/Thule?*
 - Marc Lanteigne, Associate Professor, University of Tromsø: *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

FRIDAY, OCTOBER 11

18:30 – 19:30 PRESERVING ARCTIC LANGUAGES: A WEST NORDIC PERSPECTIVE

Organized by the West Nordic Council

SPEAKERS

- Auður Hauksdóttir, Professor of Danish, University of Iceland; former Director, Vigdís Finnbogadóttir Institute of Foreign Languages
- Birna Arnbjörnsdóttir, Professor of Second Language Acquisition and Pedagogy, University of Iceland
- Guðjón S. Brjánsson, Member of Parliament, Iceland; 1st Vice President, West Nordic Council
- Vivian Motzfeldt, President, Greenlandic Parliament; President, West Nordic Council
- Member of the Faroese Parliament*

Moderator: Sigurður Ólafsson, Secretary General, West Nordic Council

18:30 – 19:30 CROSSROADS: ENGAGING THIS GENERATION TO SAVE THE NEXT – ARCTIC EDUCATION

Organized by University of Tromsø – the Arctic University of Norway; Maine North Atlantic Institute, University of Southern Maine; Reykjavík University; University of Akureyri; University of Iceland

SPEAKERS

- Ari Kristinn Jónsson, PhD, Rector, Reykjavik University:
Engaging Graduate Students in Projects to Meet Immediate Economic and Environmental Challenges
- Anne Husebekk, PhD Rector, University of Tromsø:
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: Dr. Eyjólfur Guðmundsson

FRIDAY, OCTOBER 11

18:30 – 19:30 SUSTAINABLE TOURISM DEVELOPMENT IN THE ARCTIC

Organized by Polar Research and Policy Initiative (PRPI); University of Southern Denmark; Wageningen University & Research, The Netherlands; UiT - The Arctic University of Norway; NLA International, UK

SPEAKERS

- Dwayne Ryan Menezes, Founder & Managing Director, Polar Research and Policy Initiative
- Brooks Kaiser, Professor, University of Southern Denmark
- Chris Horbel, Associate Professor, University of Southern Denmark
- Annleeg Lamhauge, Marketing Manager, Visit Faroe Islands
- Jonathan Turner, Managing Director, NLA International
- Rear Admiral Nick Lambert, Founder, NLA International
- Edward Huijbens, Professor, Wageningen University & Research

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

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*
 - Rob Grigsby, President, Advanced American Technologies:
Compact Wind in the Arctic
 - Arnór Eiddsson, Árteigur: *Micro Hydro in the Arctic*
 - Joachim Karthäuser, CTO & Founder, Climeon:
Modular Geothermal in the Arctic
- Moderator:** Viktoria Gisladottir 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

SPEAKERS

- Emeritus Peter Wadhams, Emeritus Head of the Polar Ocean Physics Group in the Department of Applied Mathematics and Theoretical Physics, University of Cambridge
- Nagruk Harcharek, UIC Sciences

FRIDAY, OCTOBER 11

- Leslie Field, Ph.D., Ice911 Founder and Stanford Lecturer

Moderator: Stephanie Lapensee, formerly UN Foundation and UNEP, and now consulting with 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

SPEAKERS

- Christina Vyskum Lytken Larsen, Research Director, Centre for Public Health in Greenland, University of Greenland & University of Southern Denmark
- Ingelise Olesen, Indigenous Research Coordinator, Centre for Public Health in Greenland, University of Greenland & University of Southern Denmark.
- Paul Andrew, Mountain Dene Elder & Scholar; Member of Community of Practice, Institute for Circumpolar Health Research
- Felix Lockhart, Dene Elder, Traditional Advisor & 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

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

Moderator: Anthony Field, WWF-UK Arctic Sustainable Development Manager: New Research on Main Business Sectors Operating in the Arctic

FRIDAY, OCTOBER 11

18:30 – 19:30 SUPERCOMPUTING FOR INTERNATIONAL ARCTIC SCIENCE

Organized by The National Renewable Energy Laboratory (NREL), Golden, Colorado, USA; United States Department of Energy (US DOE); and the Ministry of Education, Science and Culture, Iceland

SPEAKERS

- Senator Lisa A. Murkowski, United States Senator, Alaska*
 - H.E. Lilja D. Alfreðsdóttir, Minister of Education, Science and Culture, Iceland*
 - Steven Hammond, Director, Computational Science Center, National Renewable Energy Laboratory, Colorado, USA
 - Ari Kristinn Jónsson, President, Reykjavik University
 - Robert K. Dixon, Senior Director for Strategic Initiatives, Office of International Affairs, Department of Energy, Washington, DC, USA
 - Peter Ungaro, CEO, Cray Inc., Washington, USA
 - Martin Wang, Manager of Industry Partnerships and Outreach, Argonne National Laboratory, Illinois, USA
- Moderator:** William Patrowicz, CEO, Kaiser Global, New York, USA

18:30 – 19:30 BRAZIL AND THE SUSTAINABILITY OF THE ARCTIC

Organized by SE2T International, Ltd; & Hellebust International Consulting AS (Norway)

SPEAKERS

- Sergio C. 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

18:30 – 19:30 A VISION FOR SHIPPING IN THE ARCTIC

Organized by Clean Arctic Alliance

SPEAKERS

- Pen Hadow, Arctic Ocean explorer, oceanographer & conservationist; Director, 90 North
 - Pam Pearson, Director, International Cryosphere Climate Initiative
 - Sian Prior, Lead Advisor, Clean Arctic Alliance
- Moderator:** Pen Hadow, Arctic Ocean explorer, oceanographer & conservationist; Director, 90 North (NGO)

FRIDAY, OCTOBER 11

18:30 – 19:30 CLIMATE CHANGE IN THE ARCTIC: WHERE DO WE GO FROM HERE?

Organized by WWF Arctic Program

SPEAKERS

- Bryndís Kjartansdóttir, Senior Arctic Official, Ministry for Foreign Affairs, Iceland
 - Manuel Pulgar-Vidal, Head, WWF Global Climate and Energy Practice*
 - Stephen Cornelius, Chief Adviser - Climate Change, WWF-UK*
 - Martin Sommerkorn, Head of Conservation, WWF Arctic Programme and Coordinating Lead Author of the "Polar Regions" chapter of the IPCC SROCC
 - Pétur Halldórsson, co-founder of Arctic Youth Network
 - Jannie Staffansson, Arctic and Environment Unit, Saami Council, Sweden
 - Marianne Kroglund, Chair, Arctic Monitoring and Assessment Programme, Norway
- Moderator:** Ambassador Björn Lyrvall, Senior Arctic Official for Sweden

RECEPTION 19:30 – 20:30

OPEN TO ALL ASSEMBLY ATTENDEES

Hosted by Minister for Foreign Affairs of Iceland H.E. Guðlaugur Þór Þórðarson

Location: Norðurljós Hall, Harpa Second Level

SESSIONS 20:30 – 21:30

20:30 – 21:30 WELCOME EVENT FOR UARCTIC CONGRESS 2020

Organized by UArctic, University of Akureyri, Bifröst University, University Centre of the Westfjords, University of Iceland, Reykjavík University, Iceland University of the Arts, Hólar University College, and the Agricultural University of Iceland

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, Director of Thematic Networks, UArctic:
UArctic Congress 2020 Science Section and Call for Session Proposals

FRIDAY, OCTOBER 11

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

SPEAKERS

- Ragnheidur Skuladottir, Director, Arctic Arts Festival, Iceland
- Steven Loft, Director of the Canadian Council for the Arts program *Creating, Knowing and Sharing: The Arts and Culture of First Nations, Inuit, and Métis Peoples*

Moderator: Amund Sjølie Sveen, Founder, the Northern Assembly

20:30 – 21:30 DIGITIZE PUBLIC INVOLVEMENT IN ARCTIC BLUE GROWTH. A WORKSHOP USING A NEW DIALOGUE TOOL TO MAP HOW THE UN SDGS AFFECTS A PROJECT

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

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

SPEAKERS

- Tetsuo Sueyoshi, Associate Professor, NIPR: National Institute of Polar Research, 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?

FRIDAY, OCTOBER 11

20:30 – 21:30 RECEPTION: MODERN GREENLANDIC CULTURE

Hosted by Sermersooq Municipality, Greenland

PERFORMANCES BY NANOOK AND SMALL TIME GIANTS

WELCOME

- Charlotte Ludvigsen, Mayor of Sermersooq Municipality, Greenland

ARCTIC CIRCLE BAR OPEN 20:30 – 24:00

Location: Outside Kolabrautin, Harpa Fourth Level

SATURDAY, OCTOBER 12

REGISTRATION 08:00 – 12:00

SESSIONS 08:00 – 09:00

08:00 – 09:00 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

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?

08:00 – 09:00 SECURING SNOW FOR WINTER TOURISM

Organized by EIT Climate-KIC

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

SATURDAY, OCTOBER 12

08:00 – 09:00 MARINE SUSTAINABILITY CHALLENGES IN THE ARCTIC

Organized by University of Iceland

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

08:00 – 09:00 US HIGH ARCTIC RESEARCH CENTER

Organized by University of Alaska Fairbanks (UAF) Geophysical Institute

SPEAKERS

- Nettie La Belle-Hamer, University of Alaska Fairbanks (UAF), Geophysical Institute; Director, Alaska Satellite Facility; Deputy Director, Geophysical Institute
- Lori Parrott, Sandia National Laboratories (SNL), Manager of SNL Atmospheric Sciences and Leader of the Sandia Arctic Science and Security Initiative
- Prasad Gogenini, Professor of Engineering, University of Alabama Tuscaloosa

PLENARY SESSIONS 09:00-11:00

Location: Silfurberg Hall, Harpa Second Level

09:00 – 09:50 NEW AND EMERGING 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 FIRST ARCTIC POLICY

- Ambassador Stefan Estermann, Head of the Sectoral Foreign Policies Division, Swiss Federal Department of Foreign Affairs

Questions and answers

III. SPEECHES: TOWARDS A NEW ARCTIC STRATEGY FOR THE EUROPEAN UNION

- 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

09:50 – 10:15 WHERE IS PARIS NOW? A DIALOGUE WITH CHRISTIANA FIGUERES, FORMER EXECUTIVE SECRETARY OF THE UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE

CHAIR

- H.E. Ólafur Ragnar Grímsson, Chairman Arctic Circle

10:15 – 10:30 VATNAJÖKULL NATIONAL PARK: A NEW UNESCO WORLD HERITAGE SITE

SPEECH

- H.E. Guðmundur Ingi Guðbrandsson, Minister of Environment and Natural Resources, Iceland

SATURDAY, OCTOBER 12

10:30 – 11:00 GREENLAND ON THE WORLD STAGE: DIALOGUE WITH DIPLOMATS IN WASHINGTON, BRUSSELS AND REYKJAVÍK

DIALOGUE

- Jacob Isboethsen, Head of Representation, Greenland Representation to Iceland, Reykjavik
- Minninguaq Kleist, Minister Counsellor, Greenland Representation to the European Union, Brussels
- Innuteq Holm Olsen, Head of Representation, Greenland Representation to the United States and Canada, Washington, DC

CHAIR

- H.E. Ólafur Ragnar Grímsson, Chairman Arctic Circle
-

COFFEE BREAK 11:00 – 11:15

SESSIONS 11:15 – 12:00

11:30 – 12:15 AVIATION IN THE ARCTIC

Organized by Isavia

SPEAKERS

- Ásgeir Pálsson, Director of Air Navigation Division, Isavia

11:30 – 12:15 PROMOTING ARCTIC SECURITY THROUGH CONFIDENCE BUILDING MEASURES

Organized by U.S. Naval War College, Arctic Studies Group

SPEAKERS

- Walter Berbrick, U.S. Naval War College
- Gaëlle Rivard Piché, Royal Canadian Navy
- RADM Lars Saunes, Former Chief of Royal Norwegian Navy

11:30 – 12:15 A SCOTTISH PERSPECTIVE ON CLIMATE CHANGE, CLIMATE JUSTICE & HUMAN RIGHTS

Organized by the Scottish Parliament

SPEAKERS

- Gillian Martin MSP, Convener, Environment, Climate Change and Land Reform Committee, Scottish Parliament
- Elisa Morgera, Professor of Global Environmental Law & Co-Director,

SATURDAY, OCTOBER 12

Strathclyde Centre for Environmental Law and Governance, University of Strathclyde

- Finlay Carson MSP, Member, Environment, Climate Change and Land Reform Committee, Scottish Parliament

11:30 – 12:15 ARCTIC INFRASTRUCTURE AND COMMUNITIES: CLOSING THE GAP

Organized by Canada Research Chair in Aboriginal Governance and Law, UNBC

SPEAKERS

- Halldór Jóhannsson, Executive Director, Arctic Portal, Iceland:
Business Infrastructure in the Arctic – The Arctic Business Directive and Communities
- Andrey Petrov, Associate Professor, University of Northern Iowa, USA:
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

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

SATURDAY, OCTOBER 12

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

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, 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

SPEAKERS

- Lone Wandahl Mouyal, Ph.D., LL.M. Associate, DLA Piper Global Law Firm, Denmark:
Arctic Natural Resource Extraction in the Context of the Polar Silk Road
- Martin Kossa, Ph.D. at the Department of Asian and International Studies, City University of Hong Kong, China:
The Polar Silk Road and China's Science Diplomacy
- Qingchao Xu, Ph.D., Visiting scholar of the Science Diplomacy Center at the Fletcher School of Tufts University, USA:
The Polar Silk Road and China's Arctic Policy Goals

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 Policy and Security, University of Akureyri

SPEAKERS

- Sara Olsvig, Head of Programme, Greenland at UNICEF Denmark
- Gunn-Britt Retter, Saami Council

SATURDAY, OCTOBER 12

- Eva Maria-Svensson, Deputy Head, Department of Law, Gothenburg University
- Robert Alexander Innes, Saskatchewan University, Canada
- Issat Turin, Saami Reindeer Herder Youth

Moderator: Stefán Skjaldarson, Chair, Sustainable Development Working Group, Ministry for Foreign Affairs, Iceland

11:30 – 12:15 SUSTAINABLE DEVELOPMENT IN THE ARCTIC: ETHICAL AND COMMUNICATION CHALLENGES

Organized by University of New England, Harvard University, Verrill Dana LLP

SPEAKERS

- Benjamin Ford, Partner, Verrill, LLP
- Holly Parker, Assistant Provost, Strategic Initiatives, University of New England
- Terzah Tippin Poe, Lecturer & Teaching Fellow, Harvard University; US Lead Polar Research and Policy Initiative

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

SPEAKERS TO BE ANNOUNCED

NETWORKING LUNCH 12:00 – 12:45

OPEN TO ALL ASSEMBLY PARTICIPANTS

Hosted by Arctic Green Energy

SATURDAY, OCTOBER 12

PLENARY SESSIONS 12:45 – 16:00

Location: Silfurberg Hall, Harpa Second Level

12:45 – 13:25 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
- P.J. Akeeagok, President, Qikiqtani Inuit Association, Canada*

CHAIR

- Dalee Sambo Dorough, Chair, Inuit Circumpolar Council

13:25 – 13:40 SCIENCE SPOTLIGHT: LIVE LINK TO THE MOSAiC EXPEDITION

INTRODUCTION

- Anja Sommerfeld, MOSAiC Project Manager, Alfred Wegener Institute

DIALOGUE WITH SCIENTISTS ON BOARD

13:40 – 14:00 ANNOUNCING THE 2020 UARCTIC CONGRESS

Organized in cooperation with UArctic

SPEAKERS

- Dagfinnur Sveinbjörnsson, CEO, Arctic Circle
- Lars Kullerud, President, University of the Arctic

14:00 – 14:20 SCIENCE SPOTLIGHT: ENVIRONMENT AND CLIMATE CHANGE AT THE THIRD POLE

SPEECHES

- 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

SATURDAY, OCTOBER 12

14:20 – 15:00 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:
Tipping points in the Greenland Ice Sheet
- Antje Boetius, Professor, Director of the Alfred Wegener Institute, Bremerhaven, Germany:
Tipping points in the Arctic ecosystem and biogeochemistry
- Halldór Björnsson, Leader of Atmospheric Research, Icelandic Met Office:
Atmospheric circulation changes driven by Arctic climate and sea ice change.

CHAIR

- Brynhildur Davíðsdóttir, Professor, Head of Environment and Natural Resources, University of Iceland

15:00 – 15:15 GREEN SUPERCOMPUTING FOR INTERNATIONAL ARCTIC SCIENCE

Organized in cooperation with United States Department of Energy

SPEAKERS

- Martin Keller, Director, National Renewable Energy Laboratory, USA *

CHAIRS

- William Patrowicz, CEO, Kaiser Global, New York
- Robert K. Dixon, Senior Director for Strategic Initiatives, Office of International Affairs, United States Department of Energy

15:15 – 15:45 ARCTIC CIRCLE PRIZE CEREMONY

15:45 – 16:15 KEYNOTE BY THE HONORABLE JOHN KERRY, FORMER U.S. SECRETARY OF STATE

SPEECH

- Hon. John Kerry, former United States Secretary of State

CHAIR

- H.E. Ólafur Ragnar Grímsson, Chairman Arctic Circle

Questions and answers

COFFEE BREAK 16:15 – 16:30

SESSIONS 16:30 – 17:30

16:30 – 17:30 REINDEER PROTECTION IN CHINA'S POLAR BELT AND ROAD IN THE INDIGENOUS ARCTIC

Organized by A.L. Parlow & Associates, LLC

SPEAKERS TO BE ANNOUNCED

16:30 – 17:30 RESTORING ICE IN THE ARCTIC – IMPORTANT SCIENTIFIC AND ECOLOGICAL CONSIDERATIONS

Organized by Ice911

SPEAKERS

- Peter Wadhams, Professor Emeritus, 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, Ph.D. Ice911 Founder and CEO
- 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

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 in 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

SATURDAY, OCTOBER 12

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

SPEAKERS

- Mark Payne, Senior Researcher, Technical University of Denmark, National Institute of Aquatic Resources (DTU Aqua)
 - Jill Brandenberger, Operational Readiness and Assurance, Pacific Northwest National Laboratory
 - Matthew Heavner, Global Security, Intelligence, and Emerging Threats, Los Alamos National Laboratory
 - Lori Parrott, Arctic Science and Security, Sandia National Laboratories;
 - Nettie LaBelle Hamer, University of Alaska Fairbanks
 - George M Roe, Professor, University of Alaska
- 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)

SPEAKERS

- Hanna K. Lappalainen Research coordinator, INAR & PEEX, University of Helsinki
- Sandy Starkweather, Vice-Chair, SAON, NOAA, USA
- Andrea Tilche, University of Tromsø, 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, The Pew Charitable Trusts
Arctic Indigenous Peoples Food Security Perspective on Enhancing an Arctic Observing Framework
- Hajo Eicken, University of Alaska, Fairbanks, USA
Building a Community of Practice around Sustained Arctic Observations

SATURDAY, OCTOBER 12

16:30 – 17:30 CROSSROADS: ACTION NOW – ARCTIC POLITICS: DEALING WITH THE URGENCY OF CHANGE

Organized by University of Tromsø – the Arctic University of Norway; Maine North Atlantic Institute, University of Southern Maine; University of Iceland; Icelandic Ministry of Foreign Affairs

SPEAKERS

- Silja Bára Ómarsdóttir, Associate Professor, 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, University of Tromsø:
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, USA

16:30 – 17:30 THE WEST NORDIC REGION AND ARCTIC GOVERNANCE: CELEBRATING THE WEST NORDIC STUDIES PROGRAMME

Organized by University of Akureyri

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

SATURDAY, OCTOBER 12

Akureyri, Iceland:

Natural Resource Governance and Review of the Icelandic Constitution

Moderator: West Nordic Studies masters candidate

16:30 – 17:30 CLIMATE JUSTICE AND OUR RIGHT TO BE COLD

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

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 VP of Ukpeagvik Inupiat Corporation Lands
- Candice Pedersen
How Nunavut Inuit are Adapting to a Changing Climate using Technology (Siku)

16:30 – 17:30 ARCTIC INTERESTS OF THE WEST NORDIC STATES

Organized by the West Nordic Council

SPEAKERS

- Vivian Motzfeldt, President, Greenlandic Parliament; President, West Nordic Council
- Guðlaugur Þór Þórðarson, Minister for Foreign Affairs, Iceland:
The Most Important Common Interest of the West Nordic Countries
- Margrét Cela, Project manager at the Centre for Arctic Studies, University of Iceland

PANELISTS

- Vivian Motzfeldt, President, Greenlandic Parliament; President, West Nordic Council
- Múte Bourup Egede, Member of the West Nordic Council Arctic Group; Member of Inatsisartut, the Greenlandic Parliament; Former Minister for Mineral Resources, Greenland
- 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

SATURDAY, OCTOBER 12

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

SPEAKERS

- Maria Ackren, Associate Professor, University of Greenland
- Rasmus Gjedssø Bertelsen, Professor, University of Tromsø - The Arctic University of Norway
- Thorsteinn Gunnarsson, Senior Adviser, The Icelandic Centre for Research – Rannis, Nordic Cooperation in Higher Education and Research
- Zhang Pei, Deputy Director of Centre for Maritime and Polar Region Studies, Shanghai Institutes for International Studies, and Egill Nielsson, Doctoral Candidate, University of Lapland

Moderator: Lassi Heininen, Research Director, University of Helsinki & TN on Geopolitics and Security

16:30 – 17:30 COLLABORATIVE INNOVATION IN CANADA'S ARCTIC

Organized by Mitacs

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, 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

Moderator: Duncan Phillips, Vice-President Strategic Markets, Mitacs

16:30 – 17:30 AGEING AND SOCIAL RELATIONS

Organized by Ageing in the Arctic (AgeArc)

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

SATURDAY, OCTOBER 12

Model Regarding Dementia Diseases

- Christina Viskum Lytken Larsen, Senior Advisor, University of Southern Denmark:

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 ARCTIC CONNECTIVITY THROUGH ART AND DESIGN

Organized by Anchorage Museum

SPEAKERS TO BE ANNOUNCED

16:30 – 17:30 NARRATIVES REIMAGINED – EXPLORING OUTLETS FOR CHANGE WITH THE ARCTIC YOUTH NETWORK

Organized by Arctic Youth Network

SPEAKERS

- Tasha Elizarde, Vice-Chair - Board of Directors, Arctic Youth Network
- Ben Hunter-Francis II, Secretary - Board of Directors, Arctic Youth Network
- Eva Wu, Education Director - Board of Directors, Arctic Youth Network

16:30 – 17:30 VOICE OF STRENGTH: YOUTH ENGAGEMENT IN MENTAL WELLNESS EFFORTS IN THE ARCTIC

Organized by Crown-Indigenous Relations and Northern Affairs Canada

- *Opening Remarks*
 - Sarah Cox, Director of Circumpolar Affairs, Crown-Indigenous Relations and Northern Affairs Canada
 - Monica Ell-Kanayuk President, Inuit Circumpolar Council-Canada
 - Minnie Grey, Executive director, Nunavik Regional Board of Health and Social Services, Canada.
- Laurel Katchatag, Alaska, U.S.A. (Inuit/Alaska)
- Simon Coady, Ottawa, Ontario, Canada (Inuit/Canada)
- Paninguaq Tarrak-Petrussen Youth advocate, (Inuit/Greenland)
- Sunna Nousuniemi Festival Producer, Indigenous Peoples' Film Festival, Finland (Saami/Finland)

SATURDAY, OCTOBER 12

Moderator: Selma Ford, Health Coordinator, Inuit Circumpolar Council-Canada

SESSIONS 17:30 – 19:00

17:30 – 19:00 TRAINING OF ARCTIC INDIGENOUS YOUTH FOR ARCTIC CHANGE 2019

Organized by UArctic EÁLAT Institute & University of the Arctic Institute for Circumpolar Reindeer Husbandry

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

SPEAKERS

- Anne Barker, Arctic Program Leader, National Research Council of Canada:
Panel Introduction and Life-Saving Appliances Use in the Arctic
- Peter Garapick, Superintendent – Arctic, Arctic Region, Canadian Coast Guard:
Rescuer Perspective
- Frigg Jørgensen, Executive Director, AECO - Association of Arctic Expedition Cruise Operators:
Operator Perspective

PANEL

- Frigg Jørgensen, Executive Director, AECO - Association of Arctic Expedition Cruise Operators
- Peter Garapick, Superintendent – Arctic, Arctic Region, Canadian Coast Guard
- Anne Barker, Arctic Program Leader, National Research Council of Canada

SATURDAY, OCTOBER 12

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

SPEAKERS

- *Introduction*
 - Mr. Jean-Éric Tremblay (INQ)
 - Pirkko Pulkkanen (UArctic)
- Thomas Pacoureau, 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
- Éliisa 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 Ibàñez, 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

SATURDAY, OCTOBER 12

- 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
 - Mr. Jean-Éric Tremblay (INQ)
 - Pirkko Pulkkanen (UArctic)

17:30 – 19:00 HIGH-TECH PREVENTION AND PREPAREDNESS IN CRITICAL ENVIRONMENTS

Organized by Italian Embassy in Oslo & Italian Ministry of Foreign Affairs

SPEAKERS

- Ambassador Carmine Robustelli, Ambassador of Italy to Norway and Iceland
- Antonello Provenzale, Institute of Geoscience and Earth Resources, CNR:
Wildfires and Climate: Hints from Mediterranean Europe
- Roberta Ivaldi, Italian Navy:
Arnacosky in the High North: A Support to a Safety Navigation in Critical Environments
- Melania Buffagni, Eni-Environmental Technical Operative Support Manager:
Barents Sea - Norway, and in the North Slope - Alaska, in the Prevention, Detection and Response to Oil Spills
- Stefania Amici, INGV-Italian Institute for Geo-physics and Volcanology:
Scientific Observations and Social Implications of a more Fire-Prone Arctic Circle
- Ingrid Hunstad, 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, ENEA-Italian Institute for Alternative Energies and US NCAR:
Properties and Impacts of Canadian and Greenlandic Forest Fire

SATURDAY, OCTOBER 12

Emissions During Summer 2017 as Seen at the Thule High Arctic Atmospheric Observatory

- Andrew Kendrick, Fincantieri Group:

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

SPEAKERS

- Ane Lone Bagger, Minister for Education, Culture, Church and Foreign Affairs, Greenland
- Guðlaugur Þór Þórðarson, Minister for Foreign Affairs, Iceland
- Director, Nukissiorfiit, the National Energy Company, Greenland
- Guðni Jóhannesson, Director, National Energy Authority, Iceland

17:30 – 19:00 SAFETY AT SEA IN THE ARCTIC

Organized by the Ministry for Foreign Affairs of Iceland, Icelandic Arctic Cooperation Network; Icelandic Centre for Gender Equality, Centre for Arctic Policy and Security, University of Akureyri

SPEAKERS

- Sverrir Konráðsson, Maritime Specialist - Legal Coordination and Translations, Coordination and Facilitation Division, Icelandic Transport Authority
- CDRE Ásgrímur L. Ásgrímsson, Chief of Operations, Icelandic Coast Guard
- Jens Peter Holst-Andersen, Chair Emergency Prevention, Preparedness and Response (EPPR), Arctic Council, Danish Ministry of Defence

17:30 – 19:00 VISITATIONS: POLAR BEARS OUT OF PLACE

Organized by Iceland University of the Arts

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, Polar Bear Biologist, Bureau of Ocean and Energy Management, Anchorage, Alaska
- Aaron Leggett, Indigenous Curator of History & Culture, Anchorage

SATURDAY, OCTOBER 12

Museum:

The Cultural History of Polar Bear Narratives in the North Atlantic

- Kristinn Schram, PhD, Associate Professor in Folklore, University of Iceland
- Jón Jónsson, PhD, Folklorist and Project Manager, University of Iceland, Institute of Research, Strandir, 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

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 at University of Tromsø – 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, University of Tromsø – The Arctic University of Norway:
Space, Polar Regions and International Security: The Arctic in Global Socio-Technical Systems

Moderator: Heather Exner-Pirot, 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

SPEAKERS

- Nils Arne Johnsen, Director Regional Business Development, 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:

SATURDAY, OCTOBER 12

2,000 New Private Sector Jobs in Five Years

- Timo Rautajoki, Director Lapland Chamber of Commerce:
Lapland, Finland: Growth in Tourism and Mining, How to Keep the Immigrants? How to Avoid Fly-in-Fly-out Communities?
- Gunnþóra Ólafsdóttir, Director Statistics and Research, the Icelandic Tourist Board*
The International Tourism Workforce
- Christian Wennecke, Manager, Greenland Business*:
Which Industries Will Provide the Most Sustainable Labour Market?
- Douglas Phelan, Economic Development Manager, Atlantic Canada Opportunities Agency:
Atlantic Canada: Cold Coast Attracting Immigrants
- Jon Nass, CEO, Maine Port Authority:
Maine: Transportation Matters – Successfully Promoting Careers in Logistics, Maine Port Authority

17:30 – 19:00 ICE AND PEOPLE IN THE ARCTIC

Organized by Arctic Youth Network

SPEAKERS

- Xiao Cheng, Professor, Sun Yat-sen University & Beijing Normal University, China
- Anne Merrild Hansen, Professor, Aalborg University, Denmark, & University of Greenland
- Zhuoqi Chen, Sun Yat-sen University & Beijing Normal University, China

17:30 – 19:00 ARCTIC SCIENCE AND POLITICAL WILL: FROM BERLIN TO ACTION

Organized by University of Tromsø, the Arctic University of Norway

SPEAKERS

- Marie-Anne Coninx, EEAS, Ambassador at Large for Arctic Affairs of the European Union
- Yuri Sychev, Director Russia State Oceanographic Institute & Polar Foundation
- Yuji Kodama, Executive Director, Office of Japan Consortium for Arctic Environmental Research, Arctic Environmental Research Center (NIPR)
- Thorsteinn Gunnarsson, Senior Adviser, The Icelandic Centre for Research – Rannis, Chair, Sustaining Arctic Observing Networks (SAON)
- Anne Husebekk, Rector University of Tromsø, the Arctic University of Norway
- Simon Willson, Deputy Executive Secretary, AMAP

SATURDAY, OCTOBER 12

MODERATORS

- Lars Otto Reiersen, Arctic Knowledge / University of Tromsø, Norway
- Andrea Tilche, University of Tromsø, 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

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

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

INUIT NIGHT 19:00 – 20:00

RECEPTION FOR ALL ASSEMBLY ATTENDEES

Hosted by Inuit Circumpolar Council

Status: Norðurljós Hall, Harpa Second Level

ARCTIC CIRCLE BAR OPEN 20:00 – 24:00

Location: Outside Kolabrautin, Harpa Fourth Level

SUNDAY, OCTOBER 13

ARCTIC CIRCLE TOURS – THEMATIC EXCURSIONS

Participants must register separately for each excursion.

TOUR I:

21ST-CENTURY SUSTAINABLE FISHERIES AND OCEAN TECHNOLOGIES: BIOTECH – IT – 100% USE

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 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

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

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

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 FRIDHEIMAR

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 Friðheimar, an award-winning geothermal greenhouse tomato farm
- Presentation about geothermal heating in Icelandic horticulture
- Lunch inside the greenhouse at Friðheimar farm
- Visit to Gullfoss waterfall, the most powerful waterfall in Europe
- Visit to the world-famous Geysir hot spring area