



## 2016 ASSEMBLY PROGRAM UPDATED AUGUST 26

All speakers are confirmed with the exception of those marked with an asterisk (\*). More speakers and sessions may be added in the next few weeks.

### THURSDAY, OCTOBER 6

10:00-14:00 ARCTIC CIRCLE ADVISORY BOARD MEETING

13:00-16:00 REGISTRATION

Location: Harpa

**PRE-EVENT – ARCTIC HIGH SEAS FORUM**

Location: Reykjavík University, Nauthólsvík

*Organized by Arctic Options and Reykjavík University*

**PRE-EVENT – ARCTIC ENERGY FORUM**

Location: Reykjavík University, Nauthólsvík

*Organized by Reykjavík University*

**PRE-EVENT – ARCTIC BUSINESS COUNCIL FORUM**

Location: TBD

*Organized by the Arctic Business Council*

16:30 – 18:00 **GAME NIGHT: ARCTIC TRADEOFFS! A SUSTAINABLE DEVELOPMENT SIMULATION**

Location: Esja, Harpa

*Organized by the WWF Global Arctic Programme, Guggenheim Partners and the Natural Capital Project*

18:00 – 19:30 **WELCOME RECEPTION**

Location: Reykjavík Art Museum, in the Harbour House (Hafnarhúsið)

*Sponsored by Icelandair*

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## **FRIDAY, OCTOBER 7**

Location: Harpa

09:00 – 10:30 **OPENING SESSION**

● **WELCOME**

*Ólafur Ragnar Grímsson, Chairman Arctic Circle, President of Iceland 1996–2016*

● **SPEECHES**

*Admiral Robert Papp, Special Representative of U.S. Secretary of State John Kerry for the Arctic*

*Cho Tae-yul, Vice Minister of Foreign Affairs, Republic of Korea\**

*Timo Soini, Minister for Foreign Affairs of the Republic of Finland*

*Mary Simon, Special Representative of Indigenous and Northern Affairs*

*Minister Carolyn Bennett on Arctic issues, Government of Canada\**

*Lilja Dögg Alfreðsdóttir, Minister for Foreign Affairs of the Republic of Iceland*

*José Graziano da Silva, Director-General, Food and Agriculture Organization of the United Nations (video message)*

10:30 – 11:00 **SCOTLAND AND THE ARCTIC**

● **KEYNOTE**

*To be announced*

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11:00 – 11:15 COFFEE BREAK

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11:15 – 12:15 SWITZERLAND COUNTRY SESSION

*Organized by the Swiss Federal Department of Foreign Affairs.*

● OPENING: Olga Letykai, *traditional Chukchi singer and dancer*

● KEYNOTE

*Yves Rossier, Secretary of State of the Federal Department of Foreign Affairs*

● VISUAL DISPLAY: *Sila: witnessing rapid changes in the Arctic*

● PANEL

*Passion for the Arctic through Research and Science Cooperation*

*Konrad Steffen, Director of the Swiss Federal Institute for Forest, Snow and Landscape Research*

*Frederik Paulsen, Executive Chairman, Ferring Pharmaceuticals; Honorary Consul of the Russian Federation in Lausanne, Swiss Polar Research Institute*

*Tiana Angelina Moser, Swiss National Councillor*

*Matthias Finger, Professor, Ecole Polytechnique Fédérale Lausanne (EPFL); Co-Director of the Global Arctic project, Lausanne*

MODERATOR/CHAIR:

*Stefan Flückiger, Ambassador, Head of the Sectoral Foreign Policies Division of the Directorate of Political Affairs of Switzerland*

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12:15 – 13:00 NETWORKING LUNCH

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## 13:00 – 13:30 ARCTIC SCIENCE IN THE NEW COMMUNICATION CLIMATE

- Andrew Revkin, *Senior Fellow, Pace Academy for Applied Environmental Studies, Pace University; former science correspondent for the New York Times*

### DIALOGUE

## 13:30 – 13:40 FACES OF THE NORTH

- Ragnar Axelsson, *Photographer*

## 13:40 – 14:45 AN ECONOMIC GROWTH AREA IN THE ARCTIC: YAMAL-NENETS AUTONOMOUS DISTRICT, RUSSIA

- Dmitry Kobylkin, *Governor of Yamal-Nenets Autonomous District*  
Aleksandr Mazharov, *Deputy Governor of Yamal-Nenets Autonomous District, Director of the Yamal-Nenets Department of International and External Economic Relations*  
Aleksei Titovskii, *Director of the Yamal-Nenets Department of Science and Innovation*  
Andrei Kugaevskii, *Head of Yamalskiy Municipality, Yamal-Nenets Autonomous District*  
Aleksei Romanov, *Head of Noyabrsk City, Yamal-Nenets Autonomous District*

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## 14:45 – 15:15 COFFEE BREAK

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## 15:15 – 16:45 BREAKOUT SESSIONS

### Arctic Indigenous Peoples: Business and Economic Development in the Region

*Organized by the University of Northern British Columbia*

#### SPEAKERS

- Dalee Sambo Dorough, *Associate Professor, University of Alaska, Iñupiat Lawyer and Member of the UN Permanent Forum on Indigenous Issues: The Arctic Investment Protocol – an Indigenous Perspective and Commentary.*
- Natalia Loukacheva, *Canada Research Chair in Aboriginal Governance and Law, University of Northern British Columbia: Arctic Indigenous Peoples' Rights and Business Prospects.*
- Anders Oskal, *Director, International Centre for Reindeer Husbandry,*

Kautokeino, Norway: Saami Reindeer herding Perspectives on Business Opportunities in the Changing Arctic.

“The Legal Regulation of the Russian Indigenous Peoples’ Entrepreneurship”

- Konstantin Zaikov, Head of the Arctic Center for Strategic Studies, Northern-Arctic Federal University, Arkhangelsk, Russian Federation
- Maksim Zadorin, Assistant Professor, Northern-Arctic Federal University, Arkhangelsk, Russian Federation
- Tatjana Troshina, Professor, Northern-Arctic Federal University, Arkhangelsk, Russian Federation

### The Arctic: Investment Potential or Sanctuary

Organized by Arctic Working Group of the Danish Parliament

#### SPEAKERS

Sjúrður Skaale, Faroe Islands, Chair of the Arctic working-group in the Danish Parliament.

Aaja Chemnitz Larsen, Greenland, Member of the Danish Parliament.

Magni Arge, Faroe Islands, Member Danish Parliament.

Aleqa Hammond, Greenland, Member of the Danish Parliament.

### Impacts of Climate Change on Ecosystems, Economies, and Northern Communities: Dialogue between Scientific and Traditional Knowledge

Organized by the Institut nordique du Québec and the Gouvernement du Québec

#### SPEAKERS

Alain Bourque, Executive Director, Ouranos: Development Perspectives in a Climate Change Context.

“Which adaptation measures are unavoidable in response to climate change in the North and how can we best plan them?”

- Louis Fortier, Scientific Director of ArcticNet, Université Laval, Québec
- Adamie Delisle-Alaku, Vice-president, Renewable Resources, Makivik Corporation, Québec
- Ari Kristinn Jonsson, Rector, Reykjavik University
- Finn Danielson, Co-Founder, Ecologist, Nordic Foundation for Development and Ecology (NORDECO)

Paul Shrivastava, Executive Director, Future Earth: Challenges for the future global international scientific community and the fight against climate change.

#### MODERATORS

Yves Bégin, Vice-rector, Research and Academic Affairs, Institut national de la recherche scientifique, Québec

Maryse Lassonde, Scientific Director of the Québec Nature and Technology  
Research Fund  
Christos Sirros, Agent-General, Québec, Government Office in London

**BRICs in the Arctic: Emerging Opportunities for Collaborative Initiatives**  
*Organizing body: Saint Petersburg State University, Russia*

**SPEAKERS**

Sergio C. Trindade, President, SE<sup>2</sup>T International, Ltd.  
Celma Regina Hellebust, lawyer, Honorary Vice-Consul for Brazil in  
Stavanger  
Carolina A. Freire, Professor of Animal Physiology, Federal University of  
Paraná, Brazil  
Zhang Yao, Senior Fellow, Shanghai Institute for International Studies (SIIS)  
R. K. Pachauri, former head of the Intergovernmental Panel on Climate  
Change (IPCC)  
Alexander Sergunin, Professor of International Relations, St. Petersburg State  
University, Russia  
Valery Konyshchev, Professor, School of International Relations, St. Petersburg  
State University  
Maria L. Lagutina, Associate Professor, Vice-head of World Politics  
Department, Saint Petersburg State University

**Innovation and Cooperation for a Safer Arctic**  
*Organized by the World Meteorological Organization*

**SPEAKERS**

Alexander Frolov, Director, RosHydroMet  
Mark Doherty, Head of ESA/EO Exploitation Development Division,  
European Space Agency  
Andrea Tilche, Head of Unit European Commission; DG Research &  
Innovation  
Michael Kingston, Lawyer, Marine Trade & Energy Group, DWF LLP

Moderator: David Eades, Presenter, BBC World News

**Polycymaking in the Arctic**  
*Organized by the West Nordic Council*

**Lífriki's Mission: Save the Ocean**  
*Organized by Lífriki*

**SPEAKERS**

Magnús Jónatansson, Senior Partner and Project Leader, Lífriki Marketing

Sigmar Guðbjörnsson, CEO, Star-Oddi  
Edda Elísabet Magnúsdóttir, Head of Education and Science, Lífríki  
Hallur Hallsson, Senior Partner, Project Leader, Lifriki Foundation  
Peter Hagen, Senior Partner, Director of International Sales and Market  
Development, Lifriki International  
Teresa Hermann, Head of Trade Council, Ministry of Foreign Affairs of  
Denmark  
Tatiana Lyng-Pedersen, Game Director, Cape Copenhagen  
Geir Borg, CEO of Gagarin

**At the Center of Periphery: Climate Displacement, Immigration and Artists of  
Social Action**

*Organized by the Anchorage Museum*

**SPEAKERS**

Ronald Broglio, Associate Professor, Arizona State University  
Marek Ranis, artist  
Mara Kimmel, Senior Fellow, Institute of the North, Alaska  
Bryndís Snæbjörnsdóttir and Mark Wilson, artists  
Robert Templer, Professor of Practice and Director of the Center for Conflict,  
Negotiation and Recovery at Central European University

Chair: Julie Decker, Director, CEO, Anchorage Museum

**Let's Do Things Differently: Brave New and Innovative Ideas for Arctic  
Development**

*Organized by the Harvard Kennedy School of Government*

## Essential Science for Informed Decision-Making in the Changing Arctic

Organized by the Icelandic Centre for Research (RANNÍS), the International Arctic Science Committee (IASC), and the Arctic Research Consortium of the United States (ARCUS)

### SPEAKERS

Julienne Stroeve, Professor at University of College London; Senior Scientist, National Snow and Ice Data Center (NSIDC): The Arctic's Changing Sea Ice.

Margareta Johansson, Executive Secretary, INTERACT; Researcher, Lund University: The Arctic's Changing Terrestrial Cryosphere.

Thomas Spengler, Professor of Meteorology, University of Bergen: The Arctic's Role in Changing Global Climate and Weather.

Chair: Andrew Revkin, Senior Fellow, Pace Academy for Applied Environmental Studies, Pace University; former science correspondent for the New York Times

## Arctic Security: Theorizing / Thematizing Arctic Security – a Shift from Military Vacuum / Non-Security to Global Military Balance, and from Unilateral National (military) Security to Comprehensive (environmental) Security

Organized by the Thematic Network on Geopolitics and Security

### SPEAKERS

Alexander Sergunin, Professor of International Relations, Saint Petersburg State University, Russia: Thinking the Unthinkable: the Prospects for Arms Control and CBSM Regimes in the Arctic

"Contemporary Arctic Meets Global Politics: Rethinking Arctic Exceptionalism in the Age of Growing Uncertainty":

- Juha Käpylä, Senior Research Fellow, The Finnish Institute of International Affairs
- Harri Mikkola, Senior Research Fellow, The Finnish Institute of International Affairs

Gerald Zojer, Researcher, PhD Candidate, Northern Institute for Environmental and Minority Law, Arctic Centre, University of Lapland: Multilevel Approach to Societal Security: Rethinking Security in the Barents Region

Rasmus Gjedssø Bertelsen, Professor, Barents Chair in Politics, UiT, The Arctic University of Norway: Two Cases of Arctic Marine Governance in the International System: the Barents Sea and the Pacific Arctic



### Aviation in the Arctic

*Organized by Verkís Consulting Engineers & Air Iceland*

#### SPEAKERS

Árni Gunnarsson, Managing Director, Air Iceland: Airline Operation in the Arctic

Stefán Friðleifsson, Civil Engineer, Verkís: Design of Airports in Iceland

Guðmundur Daði Rúnarsson, Assistant Director, ISAVIA: Access to the North-Arctic – Effect on Air Traffic

### Ethics and Social Impact of Arctic Energy

*Organized by the Arctic Oil and Gas Research Centre, Ilisimatusarfik (University of Greenland)*

Rachael Lorna Johnstone, Professor of Law, University of Akureyri:

Introduction: Social Impacts of Oil and Gas Activities in the Arctic – Challenges and Benefits

Anne Merrild Hansen, Professor at Ilisimatusarfik, University of Greenland:

Social Impact Assessment in Oil and Gas Development: Community Experiences from Greenland and Alaska.

Anita L. Parlow, Fulbright-MFA Arctic Scholar at the University of Akureyri and National Energy Authority: Toward an Arctic Standard in the New North: Projected Considerations by Iceland and Norway in the Jan Mayen Offshore.

Brigt Dale, Senior Researcher, Nordland Research Institute, Norway:

Relations Between Politics, Power and Resource Management, in Processes that Influence the Development of Communities in Norway.

### Where's The Catch? Climate Change, Species Dispersal and the Adaption of Northern Fisheries

*Organized by the Nereus Program and the School of Business and Science, University of Akureyri*

#### SPEAKERS

William Cheung, Director (Science) of the Nereus Program; Associate Professor, Fisheries Center, University of British Columbia: Changing Oceans and Future Fishing Patterns

“Indigenous Fishing in a Changing Arctic”

- Yoshitaka Ota, Director (Policy) of the Nereus Program; Senior Research Associate, Fisheries Center, University of British Columbia
- Andres Cicernos-Montemayor, Senior Nereus Fellow, Fisheries Center, University of British Columbia

Richard Caddell, Senior Research Associate and Nippon Foundation Senior Nereus Fellow, Netherlands Institute for the Law of the Sea, Utrecht

University: The Legal Regulation of New Fishing Opportunities  
Hreiðar Þór Valtýsson, Assistant Professor, School of Business and Science,  
University of Akureyri  
Hörður Sævaldsson, Assistant Professor, School of Business and Science,  
University of Akureyri Iceland  
Carey Bonnell, Head, School of Fisheries, Fisheries and Marine Institute of  
Memorial University of Newfoundland  
Gunnar Knapp, Director and Professor of Economics, Institute of Social and  
Economic Research, University of Alaska Anchorage

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## 16:45 – 18:15 BREAKOUT SESSIONS

*Whose Arctic Security?: Broadening the security agenda in the Arctic region.*  
*Organized by Hull Marine and Maritime Institute, University of Hull, UK*

### SPEAKERS

James I. Rogers, Associate Lecturer in International Politics, University of York:  
Culture, Strategy and Security.  
Caroline Kennedy, Professor of War Studies, Director of the Hull Maritime  
and Marine Institute, University of Hull: Russia, India and the Arctic.  
Michele Olivier, Reader, School of Politics, Philosophy and International  
Relations, University of Hull: Indigenous Securities and Insecurities:  
Environmental Security & Sustainable Development.  
Emma Butcher, AHRC-funded Doctoral Candidate in English Literature,  
University of Hull: Arctic Security in the Literary and Cultural  
Imagination.

## Human Face of Climate Change in the Arctic: Insider and Outsider Perspectives

*Organized by the Swiss Federal Department of Foreign Affairs*

### SPEAKERS

Corina Gamma, Film director and producer: the relationship between people and their environment

Aqqaluk Lyngø, Head of the Inuit Human Rights Centre (Inuit Circumpolar Council, Greenland); former Chair of ICC: Sharing of information and knowledge - the Inuit approach: indigenous rights in the Arctic

Martha Cerny, Curator, Cerny Inuit Collection, Berne-Switzerland: contemporary art and awareness about climate change

Chair: Yvon Csonka, former Professor of Anthropology at Ilisimatusarfik – University of Greenland; Chief of Thematic Analysis and Surveys, Federal Statistical Office

## A Youth-Led Conversation about the Future of the Arctic

*Organized by Alaska Geographic and the United States Department of State*

## Regions as Arctic developers – sustainable development through multilateral cooperation

*Organized by Troms County Council, Norway*

### SPEAKERS

Cecilie Myrseth, Chair, Troms County Government: Carving out the Role of Regional Governments in Arctic Development.

Eirik Sivertsen, MP, Chair of the Conference of Parliamentarians of the Arctic Region: How to include Regions in Arctic Decision-making.

Oddgeir Danielsen, Director, Northern Dimension Partnership on Transport and Logistics: The Barents Cooperation and Infrastructure Development.

Andreas Østhagen, Senior Fellow, the Arctic Institute; PhD Student, University of British Columbia: The EU and the Arctic.

Anne Husebekk, Rector, UiT – The Arctic University of Norway: Knowledge and Cooperation as Drivers for Development.

Jan Gunnar Winther, Director, Norwegian Polar Institute: The Potential of Marine Resources and the Role of Regions, businesses and Multilateral Cooperation

Anu Fredrikson, Director, Arctic Economic Council: Sustainable Business Development.

Chair: Arne O. Holm, Executive Editor, High North News

## Fulbright in the Arctic – an overview of current research projects and collaborations

*Organized by the Iceland-US Fulbright Commission in cooperation with the United States Department of State's Bureau of Educational and Cultural Affairs and the National Science Foundation (NSF)*

### SPEAKERS

Erica Hill, Associate Professor of Anthropology, Chair of Social Sciences, University of Alaska Southeast; Fulbright-NSF Arctic Research Scholar at the University of Iceland: *The Archaeology of Humans, Animals and Landscapes in Iceland and Alaska.*

Stephanie Grocke, Postdoctoral Researcher, Geology, Smithsonian Institution; Fulbright-NSF Arctic research scholar at the University of Iceland: *Blasting through time: Past & Future Gas Emissions Emitted from Icelandic Volcanoes.*

Robert Zierenberg, Professor of Geology, University of California, Davis; Fulbright-NSF Arctic Research Scholar at the University of Iceland: *Using Magma as a Low-Carbon Energy Source.*

Bjarni Magnússon, Associate Professor of Law, Reykjavik University; Fulbright Arctic Initiative Scholar: *The United States Entitlement to the Continental Shelf beyond 200 Nautical Miles.*

Anita Parlow, Fulbright-MFA Arctic Scholar at the University of Akureyri and National Energy Authority: *Sustainable & Collaborative Practices in Arctic Offshore Petroleum Development.*

Anne Merrild Hansen, Professor at Ilisimatusarfik, University of Greenland: *Social Impacts of Oil Development in the North American Arctic.*

Janelle Knox-Hayes, Associate Professor of Economic Geography and Planning, MIT; Fulbright-NSF Arctic Research Scholar at the University of Iceland: *Valuing Sustainable Development in the Arctic: An Analysis of the Discourse and Practice of Sustainability in Iceland.*

Chair: Belinda Theriault, Executive Director, Fulbright Commission Iceland

## Collaboration in the Eastern Arctic – Newfoundland and Labrador, Nunavut and Greenland

*Organized by the Government of Newfoundland and Labrador*

## Towards a Carbon-neutral Approach in the Arctic

*Organized by University of Akureyri, Akureyri Clean Tech, and the Conservation of Arctic Flora and Fauna (CAFF) Working Group of the Arctic Council*

### SPEAKERS

Sigurður Ingi Friðleifsson, Manager, the Energy Agency of Iceland: *Carbon*

## Emissions and Sequestration: What is Needed in Order to Become Carbon Neutral?

Guðmundur Haukur Sigurðsson, Manager, Akureyri CleanTech: Akureyri – Towards a Carbon-neutral Northern Municipality.

Eyjólfur Guðmundsson, Rector, University of Akureyri: University of Akureyri: The First Carbon-neutral University in the Arctic.

Hugi Ólafsson, Director, Ministry for the Environment and Natural Resources, Iceland: Iceland; Climate and Policies

Hans Jörgen Koch, CEO, Nordic Council of Ministers: A Regional Approach to Carbon Neutrality

Brynhildur Bjarnadóttir, Assistant Professor, University of Akureyri: Changing Climate in the Arctic. Why is the Arctic Circle not Carbon Neutral?

## Rethinking Shared Interests in Arctic Oil and Gas – Can We Actually Manage More Effectively?

*Organized by Stony Brook University*

### PANELISTS

Jan-Gunnar Winther, Director, Norwegian Polar Institute; Chairman of the Board, Fram High North Research Centre for Climate and Environment

Tero Verauste, CEO, Arctia Shipping; Vice-Chair, Arctic Economic Council

Fran Ulmer, Chair, United States Arctic Research Commission; Special Advisor to the U.S. Department of State on Arctic Science and Policy

Alexander Shestakov, Director, Worldwatch Global Arctic Programme

Heiðar Guðjonsson, Chairman of the Board, Eykon Energy

Guðni Jóhannesson, Director General, National Energy Authority of Iceland

Vincent David, Director of Development on Renewable Energy, GazMetro

Bill Moomaw, Research Professor and Co-director, Global Development and Environment Institute, Tufts University; Chief Science Officer, Earthwatch Institute

Chair: Kathleen Araújo, Assistant Professor, Stony Brook University, and Researcher, Brookhaven National Laboratory

## Blue Growth in the Arctic

*Organized by the University of Iceland, Oslo University and Stockholm Resilience Center*

### SPEAKERS

Anne Marie Eikeset CEES, University of Oslo: What is blue growth?

Simon A. Levin, Professor Princeton University.

Thorsten Blenckner, Stockholm Resilience Center: The Mechanics of Blue Growth in the Context of Socio-Ecological Resilience.

Susa Niiranen, Stockholm Resilience Center: Global Connectivity and Cross-

Scale Interactions Create Uncertainty for Fisheries Blue Growth in the Arctic

“A Sea of Possibilities”

- Matilda Valman, Post-doctoral Researcher, Stockholm Resilience Center
- Wijnand Boonstra, Research Fellow, Stockholm Resilience Center

Brynhildur Davidsdottir, Professor Environment and Natural Resources, University of Iceland: Governance strategy for Blue Growth; Challenges and Opportunities – the Road Forward

CHAIR: Nils Christian Stenseth, Professor CEES University of Oslo.

[The Potential For Geothermal In The Arctic](#)

*Organized by the Canadian Geothermal Energy Association CanGea*

SPEAKERS

Alison Thompson, Chair & Co-Founder, CanGEA: Canada’s 175 Aboriginal and Northern Off-Grid Communities: Geothermal Power, Heat, Greenhouses and Jobs Opportunities.

Gwen Holdmann, Director, Alaska Center for Energy and Power, University of Alaska Fairbanks: How Geothermal Could Transform Renewable Energy Access in Alaska’s Remote Towns.

Magnús Ólafsson, Senior Geochemist and Project Manager, ÍSOR, Iceland GeoSurvey: Exploration and Sustainable, Cascaded Use of Geothermal in Remote Areas in Iceland

Chair: Ágústa Ýr Þorbergsdóttir, Director at NAVIGO ehf.

[Polar Law: Global Influences On Polar Governance](#)

*Organized by University of Akureyri*

SPEAKERS

Bertrand Ramcharan, former UN High Commissioner for Human Rights  
Øyvind Ravna, Professor of Law, Arctic University of Norway in Tromsø  
Tanja Joonas, Senior Researcher, University of Lapland

Chair: Guðmundur Alfreðsson, Professor, University of Akureyri; China University of Political Science and Law, Beijing

## Global Arctic: Resources Dynamics

*Organized by the GlobalArctic Project and the Northern Research Forum (NRF)*

### SPEAKERS

Florian Vidal, PhD Student, University of Paris Descartes: Energy Nexus and Climate Change in the Arctic

Hanna Lempinen, Researcher, PhD Candidate, Arctic Centre / Faculty of Social Sciences, University of Lapland, Finland: (Human) Security or (Social) Sustainability? - Perspectives to and from the Arctic Energyscape

Erica M. Dingman, Senior Fellow, World Policy Institute; Director, Arctic in Context Initiative: Into the Future: The Confluence of Arctic Warming and Energy Demand

Teemu Palosaari, Post-doctoral Researcher, Tampere Peace Research Institute TAPRI, University of Tampere, Finland: The Arctic Paradox (and how to solve it). Oil, Gas and Climate Change Ethics in the Arctic

Chair: Matthias Finger, Professor, Ecole Polytechnique Fédérale Lausanne (EPFL); Co-Director of the Global Arctic Project, Lausanne

## The Arctic Ocean - Icelandic Solutions

*Organized by Hafið, the Icelandic Center of Excellence for Sustainable Use and Conservation of the Ocean*

### SPEAKERS

Sigríður Ragna Sverrisdóttir, General manager, Hafið

Sigrún Hildur Jónsdóttir, ARK Technology

Davíð Lúðvíksson, Director – Strategy and innovation, The Federation of Icelandic Industries

## The future of Arctic shipping under IPCC climate scenarios

*Organized by EU-PolarNet and ICE-ARC*

### SPEAKERS

Andrea Tilche, Head of the Climate Action and Earth Observation Unit, Directorate General for Research and Innovation, European Commission: Sustainable development in the Arctic – the new Arctic Policy.

Kathrin Riemann-Campe, Post-doctoral Scientist, Helmholtz Centre for Polar and Marine Research, Alfred Wegener Institute: IPCC AR5: Projections of Arctic Sea ice Change.

Johan Gille, Senior Consultant, ECORYS: Current business restrictions and future opportunities for Arctic shipping.

Kathy Law, Director of Research, Observations Spatiales (LATMOS),

Laboratoire Atmosphères, Milieux: Current and future impacts of pollution from Arctic shipping.

Lawson Brigham, Distinguished Professor of Geography & Arctic Policy, University of Alaska Fairbanks: The IMO Polar Code and Future Arctic Marine Operations.

Jeremy Wilkinson, Sea Ice Physicist, British Antarctic Survey: Conclusions and recommendations for necessary actions from an ICE-ARC perspective

Björn Dahlbäck, Director General, Swedish Polar Research Secretariat: Conclusions and recommendations for necessary actions from an EU-PolarNet perspective.

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18:30 – 20:00 RECEPTION HOSTED BY H.E. LILJA DÖGG ALFREÐSDÓTTIR, THE MINISTER OF FOREIGN AFFAIRS OF ICELAND

## SATURDAY, OCTOBER 8

Location: Harpa

08:30 – 09:15 ENHANCING MARITIME SAFETY AND GROWTH IN ARCTIC WATERS

Organized by the Danish Maritime Authority

### SPEAKERS

Troels Lund Poulsen, *Minister for Business and Growth, Kingdom of Denmark*

Andreas Nordseth, *Director-General, Danish Maritime Authority*

Anne H. Steffensen, *Director-General, Danish Shipowners Association*

09:15 – 09:45 PREPARING FOR ARCTIC TOURISM GROWTH

### SPEAKERS

Sven Olof Lindblad, *CEO, Lindblad Expeditions*

Sarah Leonard, *COO, Alaska Travel Industry Association*

Halldór Benjamín Þorbergsson, *Senior Vice President, Icelandair Group*

Grímur Sæmundsson, *Chairman, The Icelandic Travel Industry Association*

Trond Øverås, *Managing Director, Northern Norwegian Tourism*

*Association \**



09:45 – 10:00 COFFEE BREAK

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10:00 – 10:45 A SESSION ORGANIZED IN COOPERATION WITH THE UNITED STATES DEPARTMENT OF STATE

*Speakers to be announced*

10:45 – 11:00 REPORT: THE ARCTIC CIRCLE MISSION ON SHIPPING AND PORTS

- Mead Treadwell, former Lieutenant Governor of Alaska; President, Pt Capital

11:00 – 11:45 MEETING THE CHALLENGES OF SUSTAINABLE DEVELOPMENT IN THE ARCTIC

*Organized by Guggenheim Partners and WWF Global Arctic Programme / Natural Capital Project*

**SPEAKERS**

*Carter Roberts, CEO of WWF US*

*Aaja Chemnitz, Member of the Danish Parliament for Greenland*

*Scott Miner, Global Chief Investment Officer, Guggenheim Partners*

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11:45 – 12:30 LUNCH HOSTED BY H.E. SIGURÐUR INGI JÓHANSSON, PRIME MINISTER OF ICELAND

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## 12:30 – 13:00 GLOBAL ECONOMIC IMPACTS OF ARCTIC CHANGE

*Organized in cooperation with the European Climate Foundation  
Focus on the Economic Impacts of Increased Shipping in Arctic Waters*

- Welcome/Introduction: Representative from the European Climate Foundation

### KEYNOTE

*Gail Whiteman, Director of the Pentland Centre for Sustainability in Business, Professor-in-Residence at the World Business Council for Sustainable Development, United Kingdom*

### PANELISTS

*David Miller, President and CEO, WWF-Canada*

*Dmitry Yumashev, Senior Research Associate, ICE-ARC (Ice, Climate, Economics – Arctic Research on Change) Project, Pentland Centre for Sustainability in Business*

*Alyson Azzara, International Trade Specialist, Office of International Activities, US Maritime Administration\**

*Sian Prior, Ocean Governance and Marine Policy Development Consultant*

## 13:00 – 13:30 MASDAR AND THE ABU DHABI CLEAN ENERGY VISION

## 13:30 – 14:15 ARCTIC INVESTMENT AND FINANCE STRUCTURES

- Scott Miner, *Global Chief Investment Officer, Guggenheim Partners, USA*
- Fanglu Wang, *CITIC Capital, China*
- Jean-Christophe Laloux, *Director General, European Investment Bank\**

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## 14:15 – 14:30 COFFEE BREAK

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## 14:30 – 15:30 BREAKOUT SESSIONS

### *Korea and the Arctic*

*Organized by the Ministry of Foreign Affairs and the Ministry of Oceans and Fisheries of the Republic of Korea, Korea Polar Research Institute (KOPRI), Korea Maritime Institute (KMI), and the National Institute of Ecology (NIE)*

### SPEAKERS

*Kim Chan-Woo, Ambassador for Arctic Affairs, Ministry of Foreign Affairs, Korea's Contribution to a Sustainable Arctic Future*

*Ho Il Yoon, President, Korea Polar Research Institute(KOPRI), Korea's Scientific Research Activities in the Arctic*

Kim Jong Deog, Director General, Korea Maritime Institute(KMI), Korea's Contribution to the Arctic Council Working Groups and Task Forces  
Kang Sung-Ryong, Senior Researcher, National Institute of Ecology(NIE), Korea's Contribution to the Arctic Migratory Birds Initiative(AMBI) of the Arctic Council

### Cold Climate Technologies

Organized by the United States Department of Commerce

#### PANELISTS

Gwen Holdmann, Director, Alaska Center for Energy & Power: Lab services for remote micro grid technology & deployment\*

Larry Cash, FAIA NCARB, President and CEO, RIM Architects of Alaska: Designing for the Arctic Environment\*

Representative from Quintillion: The role of data in development, both community and commercial\*

Moderator: Francisco Sanchez, Former Under Secretary of Commerce, U.S. Department of Commerce\*

### Singapore and the Arctic: Partnership Between Academia and Business Through Research & Innovation

Organized by Keppel Offshore & Marine

#### "Keppel's Experiences in Arctic Projects"

- Abu Bakar Bin Mohd Nor, Managing Director, Keppel Singmarine
- Anis Hussain, General Manager, Marine Technology Development, Keppel Offshore & Marine

Chow Yean Khaw, Professor, Executive Director, Keppel-NUS Corporate Laboratory: Partnership among Academia, Industry and Government for Arctic Research

Peter Nobel, Technology Consultant, Keppel Offshore & Marine Technology Centre: Engineering Research Requirements to Support Sustainable and Environmentally Acceptable Marine and Offshore Developments in Arctic Regions

Aziz Amirali Merchant, Executive Director, Keppel Offshore & Marine Technology Centre: Building Capability through Innovation: Experiences in Technology Development

### Arctic Council: Scorecard for Results and Delivery

Organized by the WWF Global Arctic Programme

## Sensing the Arctic: the Role and Value of Submersible and Autonomous Remotely Piloted Vehicles

Organized by UK Arctic Office (funded by the Natural Environment Research Council)

### SPEAKERS

Charlotte Marcinko, Research Scientist, University of Southampton: Insights into Arctic Oceanography from Submarine Sensors

Mark Inall, Director, Scottish Alliance for Geoscience, Environment and Society, Scottish Association for Maritime Science (SAMS)

Alberto Naveira, Director, Next Generation Unmanned Systems Science, University of Southampton: Training the next generation of environmental scientists in the use of Smart and Autonomous Observing Systems

Maaten Furlong, Head, Marine Autonomous & Robotic Systems Group, National Oceanography Centre

Chair: Henry Burgess, Head, Arctic Office, Natural Environment Research Council, UK

## Arctic Societies of Well-being

Organized by the University of Iceland

## Renewable Energy Development in the Arctic: Circumpolar Projects that Advance Knowledge Sharing

Organized by the Institute of the North

### SPEAKERS

Greg Poelzer, Executive Chair, ICNGD; Professor in the School of Environment and Sustainability, University of Saskatchewan: Renewable and Remote Energy Development in the Arctic: An Arctic Fulbright Initiative

Gwen Holdmann, Director, Alaska Center for Energy and Power: Arctic Remote Energy Network Academy (ARENA): An SDWG Project to Increase Capacity

Nils Andreassen, Project Manager, Institute of the North: Arctic Renewable Energy Atlas: An SDWG Project for Renewable Energy Data Visualization

Anne Mette Erlandsson Christiansen, Renewable Energy Program Director, WWF Sweden: Supporting Renewable Energy Development in Alaska, Greenland, Canada and Russia: A Project of WWF

Moderator: Nils Andreassen, Executive Director, Institute of the North

### **The Central Highland: Brand Capital of Icelandic Nature**

*Organized by Hálendið: Iceland National Park in cooperation with the Icelandic Environment Association and the Iceland Nature Conservation Association*

#### **SPEAKERS**

Póra Ellen Þórhallsdóttir, Professor of Botany, the University of Iceland;  
Chairperson, the Institute of Life and Environmental Sciences  
Peter Prokosch, Founder and Chairman of the Board, Linking Tourism &  
Conservation (LT&C): The Icelandic Highlands - an Arctic Wilderness  
Oliver Lockett, CEO, Revilo Park: The Brand of Iceland and its Connection to  
Nature and Sustainability

### **Book Launch: Antarctica, the Battle for the Seventh Continent**

*Book by Dr. Doaa Abdel-Motaal*

#### **AUTHOR**

Doaa Abdel-Motaal

#### **DISCUSSANTS**

Aleqa Hammond, former Prime Minister of Greenland; Member of the Danish  
Parliament  
Rasmus Gjedssø Bertelsen, Professor, Barents Chair in Politics, University of  
Tromsø -The Arctic University of Norway

### **Arctic Ocean Oil and Gas exploration and Legal Liability**

*Organized by the University of Iceland and University of Akureyri*

#### **SPEAKERS**

Rachael Lorna Johnstone, Professor of Law, University of Akureyri:  
Hazardous Activities, Small States and the Risk of Reparation  
Nigel Bankes, Professor of Law, University of Calgary: Design Considerations  
for a Liability and Financial Assurance Regime: Canada  
Lára Jóhannsdóttir, Assistant Professor, Environment and Natural Resources,  
University of Iceland: Insurance perspective on Arctic Ocean Oil and  
Gas exploration projects

Chair: Aðalheiður Jóhannsdóttir, Professor of Law, Head of the Faculty of  
Law, University of Iceland

### How to Connect with Arctic Research Across Boundaries

*Organized by the Arctic Research Consortium of the United States (ARCUS)*

#### SPEAKERS

Robert Rich, Executive Director, ARCUS: Connecting Arctic Research Across Boundaries.

John Farrell, Executive Director, United States Arctic Research Commission: Setting Arctic Research Priorities within the U.S. Government.

Maribeth Murray, Executive Director, Arctic Institute of North America; Professor, University of Calgary: A Binational Organization Advancing Arctic Research.

Peter Schmidt Mikkelsen, Lead Coordinator: Arctic Science Partnership (ASP), Isaaffik Arctic Gateway

### Arctic University Cities

*Organized by the Centre for Arctic Policy Studies (CAPS) at the University of Iceland and UiT – The Arctic University of Norway, Tromsø*

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## 15:30 – 17:00 BREAKOUT SESSIONS

### Thinking Like an Ecosystem: Ecosystem Services Thinking to Support Sustainable Development

*Organized by the WWF Global Arctic Programme*

#### SPEAKERS

Martin Sommerkorn, Lead Specialist, WWF Global Arctic Program: The Pros and Cons of Ecosystem Service Methods

Spencer Wood, Research Associate, University of Washington; Senior Scientist Natural Capital Project: How Natural Capital Can Provide Inputs to Investment Decision Making Tools in the Arctic

Gunn-Britt Retter, Head of the Arctic and Environment Unit, Saami Council

Chair: Liisa Rohweder, CEO of WWF Finland

## Oil Expansion in the Arctic in the Context of Climate Litigation Cases Around the World

*Organized by Greenpeace*

### SPEAKERS

Julia Olson, Executive Director and Chief Legal Counsel, Our Children's Trust  
Roger Cox, Lead Lawyer, the Urgenda Foundation; Senior Fellow, Centre for International Governance Innovation (CIGI)

Michelle Jonker-Argueta, Legal Counsel, Greenpeace International

Chair: Truls Gulowsen, Head of Greenpeace Norway

## Telecommunications and Satellites on Top of the World

*Organized by the Institute of Communications and Navigation, German Aerospace Center (DLR), Ministry of Foreign Affairs of Denmark and the Technical University of Denmark*

### SPEAKERS

Hanne Fugl Eskjær, Arctic Ambassador of the Kingdom of Denmark, Danish Ministry of Foreign Affairs

Bo N. Andersen, Director General, Norwegian Space Center; Arctic Council Task Force on Telecommunications in the Arctic\*

Niels Andersen, Deputy Director, Technical University of Denmark: Multiuse space infrastructure in the Arctic

Kjell-Ove Orderud Skare, Leader Strategy and Analysis, Space Norway: The Quest for Arctic communications

Jeremy Wilkinson, Lead Investigator, NERC Arctic Research Programme, British Antarctic Survey: Needs and requests towards telecommunications in perspective of Arctic science activities\*

## Polar Law: Sustainable Development

*Organized by University of Akureyri*

### SPEAKERS

John M. Sky Starkey, Lawyer representing Alaska tribal organizations

Mary Durfee, Associate Professor of International Relations, Michigan Tech University

Romanov Oleg, Lawyer

Agnieszka Ason, Adjunct Professor, Technical University of Berlin

Skúli Thoroddsen, Orkustofnun

Chair: Natalia Loukacheva, Canada Research Chair in Aboriginal Governance and Law, University of Northern British Columbia

## Infrastructure Development in the Arctic: Social, Commercial and Technical Perspectives of Upcoming Opportunities

Organized by *bremenports GmbH & Co. KG*

### SPEAKERS

Elías Pétursson, Mayor, Municipality of Langanesbyggð: The Social Impact of large-scale Infrastructure Projects for Rural Communities

James E. Pass, Senior Managing Director, Guggenheim Partners: The Investor's View

Hafsteinn Helgason, Efla Consulting Engineers: Technical Challenges in the Arctic

Lars Stemmler, Head of International Projects, *bremenports GmbH & Co. KG*: The Finnafjord Harbour Project: Progressing Towards a Business Opportunity for the Arctic

Chair: Robert Howe, Managing Director, *bremenports GmbH & Co. KG*

## Learning from the Past: Towards an Inclusive International Network of Arctic Science Research

Organized by the *UK Science & Innovation Network and the Arctic Institute*

### SPEAKERS

Victoria Herrmann, President and Managing Director, The Arctic Institute

Michael Bravo, University Senior Lecturer and Fellow of Downing College, Scott Polar Research Institute

Cécile Pelaudeix, Associate Professor, Aarhus University and research Associate, Sciences Po Grenoble Political science and law in interdisciplinary research: historical steps and current trends

Lill Rastad Bjørst, Associate Professor, Department of Culture and Global Studies, Aalborg University

## Corporate Social Responsibility in the Arctic

Organized by the *Emerging Leaders in Environmental & Energy Policy network*

Coordinated and funded by the *Atlantic Council and Ecologic Institute think tanks*

### SPEAKERS

Edvard Glücksman, Environment & Sustainability Institute, University of Exeter

Victoria Herrmann, President and Managing Director, the Arctic Institute

Lone Wandahl Mouyal, Founder, Nordic Network on Investment Law

Andrew Holland, Director of Studies, Senior Fellow for Energy and Climate, American Security Project



Chair: Stacy Closson, Associate Professor, Patterson School of Diplomacy and International Commerce, University of Kentucky; 2016 Core Fulbright U.S. Scholar in Taiwan

### **The Arctic – Tourism and Arctic Challenges**

*Organized by EFLA Consulting Engineers*

### **Arctic Freshwater Resource Dynamics and Socio-environmental Challenges: A Roundtable Discussion**

*Organized by Western Kentucky University; University of Akureyri; the Icelandic Arctic Cooperation Network; Icelandic Meteorological Office; Institute of Freshwater Fisheries, the Conservation of Arctic Flora and Fauna (CAFF) Working Group of the Arctic Council, and the Icelandic Centre for Research (RANNÍS)*

### **From Alaska to Lapland – Local Voices Strengthening Arctic Council Chairmanships**

*Organized by the Institute of the North and the Arctic Centre*

#### **SPEAKERS**

Craig Fleener, Senior Advisor, Arctic Policy & Climate Change, Office of the Governor, Alaska: Advocating for Alaskan Priorities.

Michael Sfraga, Vice Chancellor, University of Alaska Fairbanks: Highlighting Alaska's Research Capabilities.

Mika Riipi, County Governor of Lapland: Lapland as a Partner in the Finnish Chairmanship.

Timo Rautajoki, President & CEO, Lapland Chamber of Commerce, Finland: Arctic Business Interests.

#### **CHAIRS**

Nils Andreassen, Executive Director, Institute of the North

Timo Koivurova, Director, Arctic Centre

### **Canadian Arctic Policy: New Developments**

*Organized by the Center for International Governance Innovation (CIGI)*

#### **SPEAKERS**

John Higginbotham, Senior Fellow, Centre for International Governance Innovation and Carleton University: Challenges and Opportunities in Canadian Arctic Policy and Canada-U.S. Relations in the Arctic

Rob Huebert, Associate Professor, Department of Political Science, University of Calgary: Canada and Russia in the Arctic: Dialogue and Deterrence

Whitney Lackenbauer, Professor, Department of History, St. Jerome's University (University of Waterloo): Canadian Arctic Policy: Continuity

and Change

Suzanne Lalonde, Professor of Law, University of Montreal: Legal Issues in Canada's Arctic Policy

David Runnalls, Distinguished Fellow, Centre for International Governance Innovation and International Institute for Sustainable Development: Climate Change and the Canadian Arctic

Stephen Van Dine, Assistant Deputy Minister, Indigenous and Northern Affairs Canada: Renewing Canadian Arctic and Northern Policy

Chair: John Higginbotham, Senior Fellow, Centre for International Governance Innovation and Carleton University

### [Global Arctic: The Art and Culture of Climate Change \(in the Arctic\)](#)

*Organized by the GlobalArctic Project and the Northern Research Forum (NRF)*

#### SPEAKERS

Asthildur Jonsdottir, Assistant Professor, Iceland Academy of the Arts: Contemporary Art and Education for Sustainability

Grete K. Hovelsrud, Professor, Nord University, Bodø Norway: An Arctic Perspective on the Role of Culture and World Views in Shaping Adaptation and Mitigation to Climate Change

"Cultures of Climate Change: Fast Media and Slow Media on the Arctic"

- Miyase Christensen, Professor, Stockholm University and KTH Royal Institute of Technology
- Tom Buurman, PhD Candidate, Stockholm University

Kristján Hrannar Pálsson, musician and producer: Music, Climate Change and Popular Culture

#### CHAIRS

Amy Wiita, President/Senior Research Scientist, Cinza Research

Thorsteinn Gunnarsson, Senior Adviser, Icelandic Center of Research, Rannis

### [Operational Marine Services in the Arctic](#)

*Organized by the European Global Ocean Observing System (EuroGOOS) AISBL*

#### SPEAKERS

Odd Jarl Borch, Professor of Strategy, Graduate School of Business, Nord University: Arctic Blue economy.

Agnieszka Beszczynska-Möller, Research Scientist, Institute of Oceanography, Polish Academy of Sciences: Arctic Ocean Observation System.

Stein Sandven, Research Director, Nansen Environmental and Remote Sensing Center (NERSC): Arctic Sea Ice monitoring

Henning Wehde, Head of Research and Advice Program Henning Wehde,  
Institute of Marine Research, Bergen: Arctic marine data availability.  
Laurent Bertino, Research Director, Nansen Environmental and Remote  
Sensing Center (NERSC): Copernicus Marine Environmental Monitoring  
Service (CMEMS) Arctic Forecasting Centre.  
Torbjørn Eltoft, Professor, University of Tromsø: Integrated Remote Sensing  
and Forecasting for Arctic Operations.  
Einar Hjörleifsson, Fisheries Scientist, Marine Research Institute of Iceland:  
Fisheries management - present and uncertain future dynamics.  
Erik Buch, Chair, EuroGOOS: Global Ocean Observing System and its Arctic  
Plans.

### [Germany's Commitments to Arctic Research and Research Cooperation](#)

*Organized by the Alfred Wegener Institute (AWI) Helmholtz Centre for Polar  
and Marine Research and the International Arctic Science Committee (IASC)*

#### SPEAKERS

Karin Lochte, Director, Alfred Wegener Institute, Helmholtz Centre for Polar  
and Marine Research (AWI): Advancing Understanding of the Arctic  
Through New Technologies  
Simon Plass, Project Manager, German Aerospace Center (DLR): DLR  
Contributions to Arctic Research  
Heidimarie Kassens, Senior Research Scientist, GEOMAR Helmholtz Centre  
for Ocean Research: The Laptev Sea - Hotspot for Climate Research in  
the Russian Arctic  
Ralph Watzel, President, Federal Institute for Geosciences and Natural  
Resources (BGR): Natural Resources in the Changing Arctic  
Kathrin Keil, Project Scientist, Institute for Advanced Sustainability Studies  
(IASS): Sustainability and Governance Challenges in a Changing Arctic  
Markus Rex, Senior Scientist, Alfred Wegener Institute, Helmholtz Centre for  
Polar and Marine Research (AWI): The Multidisciplinary Drifting  
Observatory for the Study of Arctic Climate (MOSAIC)  
Volker Rachold, Secretary General, International Arctic Science Committee  
(IASC): International Arctic Research Cooperation

### [The Educating of Mid-Latitudinal Countries on Climate Change through Art and Science: "To See Things Differently"](#)

*Organized by the Arctic Arts Project, the Institute of Arctic and Alpine  
Research and the Stefanson Institute*

#### SPEAKERS

Kerry Koepping, Director/Photographer, Arctic Arts Project; Research  
Affiliate, INSTAAR  
James Balog, Director, Earth Vision Institute; Research Affiliate, INSTAAR;

Director, Extreme Ice Survey  
Jim White, Director, Institute of Arctic and Alpine Research, University of Colorado  
Astrid Ogilvie, Senior Scientist, Stefansson Arctic Institute; Researcher, INSTAAR

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## 17:00 – 18:30 BREAKOUT SESSIONS

### *The Arctic as a Venue for U.S. and Asian Cooperation with Russia* *Organized by the RAND Corporation*

#### SPEAKERS

Mia Bennett, PhD Candidate, Department of Geography, UCLA; Founder, Cryopolitics.com: Shifting from West to East: Russian-Asian Cooperation in the Arctic  
Natalia Loukacheva, Canada Research Chair in Aboriginal Governance and Law, University of Northern British Columbia, Canada: Prospects for North American Cooperation with Russia in the Arctic  
Elana Wilson Rowe, Senior Research Fellow/Adjunct Professor, University of Nordland: Network diplomacy and Arctic politics  
Jørgen Staun, Associate Professor, Institute for Strategy, Royal Danish Defense College, Copenhagen: Russian Arctic policy

Chair: Abbie Tingstad, Physical Scientist, RAND Corporation: The Arctic as a Venue for U.S. and Asian Cooperation with Russia

### *Dutch Arctic Strategy and Activities* *Organized by the Ministry of Foreign Affairs of the Netherlands*

### *BlueTech Innovation for a Developing* *Organized by the Fletcher School at Tufts University*

#### SPEAKERS

Pór Sigfússon, Founder and CEO, Iceland Ocean Cluster House: Iceland Ocean Cluster House as a Blue Tech Innovation Model.  
Halla Hrund Logadóttir, Louis Bacon Environmental Leadership Fellow at the Harvard Kennedy School of Government: Developing Renewable Energy in the Arctic - Successes and Challenges  
Matthew Merighi, Executive Director and Co-Founder, Blue Water Metrics Inc: Data and BlueTech: A New Arctic Resource?  
Jack Whitacre, Research Fellow, Institute for Global Maritime Studies Inc: Cyber-Security and BlueTech Innovation in the Arctic

Edward Anthes-Washburn, Executive Director, Port of New Bedford,  
Massachusetts: Sustainable Fishing and BlueTech Innovation in the Arctic

**Arctic Invasive Alien Species: acting now to prevent the worst**

*Organized by the Conservation of Arctic Flora and Fauna (CAFF) and the Protection of the Arctic Marine Environment (PAME) Working Groups of the Arctic Council*

**SPEAKERS**

Tom Barry, Executive Secretary, CAFF: Introduction to the Invasive Species and Placement Within Arctic Council Work

Pawel Wasowicz, Botanist, Icelandic Institute of Natural History: The Science Behind the Arctic Invasive Species Strategy and Action Plan: Why It Is Needed Now

Soffía Guðmundsdóttir, Executive Secretary, PAME: Efforts Underway to Develop and Implement Measures for Early Detection, Monitoring Eradication and Control in the Marine Environment

**Global Arctic: The Resource Dynamics of the Urbanized Arctic**

*Organized by the GlobalArctic Project and the Northern Research Forum (NRF)*

**SPEAKERS**

Melissa Harris, Project Manager, International Institute for Sustainable Development: Barriers and Best Practices for Sustainable Housing in the Canadian Arctic

“Greenland and the Arctic Council: Subnational regions in a time of Arctic Westphalianisation”

- Inuuteq Holm Olsen, Minister Plenipotentiary, Greenland Representation, Danish Embassy in Washington, DC
- Jessica M. Shadian, Nansen Professor, University of Akureyri

Rachael Lorna Johnstone, Professor of Law, University of Akureyri: Participation in decision-making in sparsely populated Arctic regions

Matthias Finger, Professor, Ecole Polytechnique Fédérale Lausanne (EPFL); Co-Director of the Global Arctic project, Lausanne: Governments helping TNCs to grab Arctic resources

Chair: Lassi Heininen, Professor, University of Lapland

**Cultivating Trans-Atlantic Ocean Foods Entrepreneurship Through International Scientific and Educational Cooperation**

*Organized by the University of New England (UNE), New England Ocean Cluster, Holar University College, University of Akureyri*

## SPEAKERS

Patrick Arnold, CEO, Soli DG: Achieving Full Utilization in the Ocean Economy.

Barry Costa-Pierce, Professor, Chair and Director of the Department of Marine Sciences, Marine Science Center, University of New England: New International Programs in Ocean Food Ecosystems.

Ögmundur Knútsson, Dean, School of Business and Science, University of Akureyri: Development and Opportunities in North-Atlantic Fish Industry.

Helgi Thorarensen, Professor of Aquaculture and Fish Physiology, Holar University College: Future Challenges to Aquaculture in the Arctic.

Glenn Page, President/CEO of SustainaMetrix, USA; Developmental Evaluator in Residence, Centre for Environmental Change and Human Resilience, University of Dundee: Measuring Progress to Sustainability Through Complexity, Innovation and Learning.

Chair: Barry Costa-Pierce, Professor, Chair and Director of the Department of Marine Sciences, Marine Science Center, University of New England

## [Sustainable Marine Resources: a Piece of the Blue Economy Puzzle in the Arctic?](#)

*Organized by the North Atlantic Marine Mammal Commission, NAMMCO*

## SPEAKERS

Ásta Einarsdóttir, Chair of NAMMCO; Senior Legal Expert, Ministry of Industries and Innovation, Iceland: Introduction to NAMMCO

Grímur Valdimarsson, Senior Advisor, Ministry of Industries and Innovation, Iceland: The Use of Living Marine Resources: The Rules of the Game

Jóhann Sigurjónsson, Special Envoy on Ocean Affairs, Ministry for Foreign Affairs, Iceland: Science-based Use of Living Marine Resources.

Ditte H. Sorknæs, Chief Executive Officer, Great Greenland: The Economical and Societal Consequences of Trade Barriers on Inuit Communities.

Chair: Martin Breum, Journalist and author

## [What's Going on in the North Atlantic?](#)

*Organized by the University of Iceland, The Icelandic Meteorological Office*

## SPEAKERS

Halldór Björnsson, Head of atmospheric research group, Icelandic Met Office: The North Atlantic Cold Pool. A short biography.

Stefan Rahmstorf, Head of Earth System Analysis, Potsdam Institute for Climate Impact Research; Professor, Potsdam University: Evidence for a significant slowdown of the North Atlantic Overturning Circulation.

Ingibjörg Jónsdóttir, Professor University of Iceland: The impact of the north

Atlantic Cold Pool.

Chair: Ari Trausti Guðmundsson, Geophysicist

[Climate Change in the Arctic - Opening Windows for Cooperation](#)

*Organized by Arctic Summer College*

[The Role of Arctic & Global Think Tanks in Arctic Policy Making](#)

*Organized by Observatoire des Think Tanks/Think Tanks Observatory*

**SPEAKERS**

Olivier Urrutia, CEO, European Think Tanks Observatory, EU: Hey, What is a Think Tank, Actually?

Timo Rautajoki, President & CEO, Lapland Chamber of Commerce, Finland: Think Tanks as Bridges Between the Arctic Business and Policy Worlds

Olivier Dobbels, Secretary General, French Polar Cluster, France: How Think Tanks Have Shaped France's Arctic Policy – Analysis of the French Government's New Arctic Strategy

Aleqa Hammond MP, Member of the Danish Parliament, Greenland: Reflexions on the Influence of Think Tanks in Shaping Today and Tomorrow's Arctic

Mikaa Mered, Chief Strategy Officer, European Think Tanks Observatory, EU: Presentation of the Observatory's Arctic & Antarctic Think Tanks Transparency Label

[Emergency Preparedness in Small Communities: Project Updates](#)

*Organized by the Institute of the North*

**SPEAKERS**

Nils Andreassen, Executive Director, Institute of the North: Oil Spill Preparedness in Small Communities: A Circumpolar, Local Approach to Risk and Response

Tor Husjord, CEO, Maritime Forum North, Norway: Applied Research and Cooperation for Successful Search and Rescue Operations

Anthony Edwardsen, President & CEO, Ukpeaġvik Iñupiat Corporation (UIC): Building Capacity within Local Communities: An Indigenous-Driven, Innovative Solution

[Arctic Security: Unilateralizing Arctic Security – National Security, Military Policies, Defense Strategies, and State Sovereignty in the Globalized Arctic](#)

*Organized by the Thematic Network on Geopolitics and Security*

**SPEAKERS**

Valery Konyshev, Professor, Saint-Petersburg State University, Russia; Russian

Expert Community about Military Threats to Russia's Security in Arctic:  
Implications of Ukrainian crisis

Mike Corgan, Associate Professor, University of Boston, USA: Arctic Climate  
and the US Political Climate

Marc Lanteigne, Senior Research Fellow (Asia), the Norwegian Institute of  
International Affairs: Looking for 'Win-Win': China's Developing Views  
of Arctic Multilateralism

Arttu Koskinen, University of Lapland, Finland: Tradition of Neutrality in the  
Finnish Security and Defence Policy after the Cold War

Andrian Vlakhov, PhD Candidate, Research Fellow, European University at  
St. Petersburg, Russia: The 2014–2016 Refugee Flows in the Russian  
Arctic: How the Global Impacts the Local

### Remote Renewable Case Studies: Participatory Stakeholder Engagement for a Sustainable Future

*Organized by WWF Canada, the WWF Global Arctic Programme and the  
Institute for Advanced Sustainability Studies (IASS)*

#### SPEAKERS

Farid Sharifi, Senior Specialist – Renewable Energy, WWF-Canada: WWF-  
Canada's recent efforts to implement three renewable energy projects in  
Canada's Arctic by 2020

Greg Poelzer, Executive Chair, ICNGD; Professor, School of Environment and  
Sustainability, University of Saskatchewan

Kåre Hendriksen, Associate Professor, Arctic Technology Department,  
Technical University of Denmark

Kirsti Mijnhijmer, Programme Manager, Northern Periphery and Arctic  
Programme Secretariat

Chair: David Miller, President & CEO, WWF-Canada



# SUNDAY, OCTOBER 9

Location: Harpa

## 09:00 – 09:30 REPORT ON THE ARCTIC ECONOMIC COUNCIL

### SPEAKERS

Tara Sweeney, *Executive Vice President of External Affairs, Arctic Slope Regional Corporation; Chair of the Arctic Economic Council*

Tero Vauraste, *President and Chief Executive Officer, Arctia Shipping; Co Vice-Chair of the Arctic Economic Council*

## 09:30 – 10:05 ARCTIC RENEWABLE ENERGY GRID

Organized by NORA (The Nordic Atlantic Cooperation) and Bellona

### SPEAKERS

Frederic Hauge, *Founder and President, Bellona, Norway*

Angus MacNeil, *MP, Chair of Select Committee on Energy and Climate Change, House of Commons, United Kingdom*

Moderator: Bogi Bech Jensen, *Honorary Professor, University of Faroe Islands; Visiting Professor, University of Newcastle*

## 10:05 – 10:50 WHAT KIND OF ARCTIC MUST THE WORLD HAVE?

*An interactive discussion on Arctic climate change*

Organized by the Woods Hole Research Center

### ● MELTING LAND ICE AND SEA LEVELS

Philip Duffy, *President of WHRC and Former Senior Climate Analyst in the Obama Administration*

### ● EXTREME WEATHER

Jennifer Francis, *Research Professor, Rutgers University Institute of Marine and Coastal Sciences*

### ● PERMAFROST THAW

Sue Natali, *Associate Scientist, Woods Hole Research Center*

### ● POLICY SOLUTIONS

Rafe Pomerance, *Former Assistant Deputy Secretary of State and Chairman of the Arctic 21 Network*

Moderator: William Moomaw, *Professor Emeritus of International Environmental Policy, Fletcher School of Law and Diplomacy; Co-Director, Global Development and Environment Institute, Tufts University*

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10:50 – 11:05 COFFEE BREAK

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11:05 – 12:00 HIGH NORTH ATLANTIC SHIPPING AND TRADE

● North America – Iceland – Greenland – Norway

**SPEAKERS:**

*Gylfi Sigfússon, CEO, Eimskip*

*John Henshaw, CEO Maine Port Authority*

*Nils Arne Johnsen, Arctic Director Ramboll*

*Cecilie Myrseth, Chief Executive Councillor, County of Troms, Norway*

*Moderator: Nils Arne Johnsen, Arctic Director Ramboll*

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12:00 – 12:15 GREENLAND: VISION OF THE ARCTIC

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12:15 – 13:00 NETWORKING LUNCH

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13:00 – 13:45 ENVISIONING A FUTURE OF MENTAL WELL-BEING IN THE ARCTIC

**SPEAKERS**

*Páll Matthíasson, MD, CEO, The National University Hospital of Iceland*

*Gert Mulvad, Board Member, Circumpolar Health Research Network*

*Monica Ell-Kanayuk, Deputy Premier, Government of Nunavut\**

*Doris Jakobsen, Minister of Health, Government of Greenland\**

*Pamela Y. Collins, Director, Office for Research on Disparities and Global  
Mental Health, National Institute for Mental Health, United States*

*Stephen M. Van Dine, Assistant Deputy Minister, Northern Affairs  
Organization, Indigenous & Northern Affairs Canada\**

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13:45 – 14:00 FAROE ISLANDS: VISION OF THE ARCTIC

## 14:00 – 14:45 STATUS OF EARTH OBSERVATIONS IN THE ARCTIC

### ● SYSTEMS AND INFRASTRUCTURE

Paul Arthur Berkman, *Professor, Fletcher School of Law and Diplomacy, Tufts University, United States*

### ● ATMOSPHERE

Petteri Taalas, *Secretary General, World Meteorological Organization (WMO)\**

### ● OCEANS AND SEA ICE

Eric Buch, *Chair, European Global Ocean Observing System (GOOS)*

### ● BIODIVERSITY

Tom Barry, *Executive Secretary, Conservation of Arctic Flora and Fauna (CAFF), Arctic Council Working Group*

### ● SUMMARY

Larry Hinzman, *Professor, interim Vice Chancellor for Research, University of Alaska Fairbanks; Vice-Chair, SAON (Sustaining Arctic Observing Networks)*

Moderator: Barbara J. Ryan, *Secretariat Director, Group on Earth Observations*

## 14:45 – 15:15 MARITIME PREPAREDNESS AND INTERNATIONAL PARTNERSHIP IN THE HIGH NORTH

● Organized by the Norwegian Ministry of Foreign Affairs and the Maritime Preparedness and International Partnership in the High North (MARPART) Research Network / Nord University

### WELCOME

Cecilie Landsverk, *Norwegian Ambassador to Iceland*

### SPEAKERS

Tore Hattrem, *State Secretary, Vice Minister of Foreign Affairs, Norway*  
Odd Jarl Borch, *Professor, Nord University, Bodø, Norway*

CHAIR: Arne O. Holm, *Senior Advisor, Nord University, Bodø, Norway*

15:15 – 15:30 **REPORT: The Global Arctic**

Organized by the Global Arctic Project

*Speakers will be nominated in the Global Arctic Project's breakout sessions*

● **Co-moderators:**

Lassi Heininen, Professor, University of Lapland

Matthias Finger, Professor, Ecole Polytechnique Fédérale Lausanne (EPFL); Co-Director of the Global Arctic Project, Lausanne

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15:30 – 16:00 **COFFEE BREAK**

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16:00 – 18:00 **BREAKOUT SESSIONS**

**High North Atlantic Shipping and Trade**

Organized by Ramboll, Eimskip, Marine Port Authority, County of Troms

**Sustainable Housing in the Arctic: Financing, Implementation and Innovation**

Organized by the International Institute for Sustainable Development (IISD) and the Institute of the North

**SPEAKERS**

Nils Andreassen, Executive Director, Institute of the North: Cross-Border Best Practice Exchange

Suzanne Cassolato, Research Engineer, CanmetENERGY Alternative Energy Lab, Natural Resources Canada

Alec Khachatryan, Consultant, IISD: Barriers and Best Practices for Sustainable Housing Delivery Models

Tim Leach, Energy Specialist, Alaska Housing Finance Corporation: Energy Efficient Housing

**Arctic Security: (Re)Defining the New Nexus of Arctic Security – Resources, Energy, the Environment, Climate Change, Regional Development and Regional Security Complexes**

Organized by the Thematic Network on Geopolitics and Security

**SPEAKERS**

Maria Lagutina, Professor, St. Petersburg State University, Russia: Environmental conflicts in the Arctic: a myth or reality?

Jonathan N. Markowitz, Assistant Professor, University of Southern California, School of International Relations: Arctic Shock: Utilizing Climate Change

to Test Theories of Resource Competition

Barbora Padrtová, PhD Student, Masaryk University, Brno, Czech Republic:

The Arctic Regional Security Complex? From Theory to Reality

“The Scalar Politics of Arctic Security”:

- Annika E. Nilsson, Senior Research Fellow, Stockholm Environment Institute; KTH Royal Institute of Technology
- Miyase Christensen, Professor, Stockholm University and KTH Royal Institute of Technology

Lassi Heininen, Professor, University of Lapland, Finland: (Re)Conceptualizing Security Nexus of the ‘global’ Arctic

[Reimagining the Arctic... As The World’s Data Center](#)

*Organized by the Fletcher School at Tufts University*

Frederik Vyncke, CEO of Rockan DataCenter in Sweden

Ravi Shankar Chaturvedi, The Fletcher School

[Sustainable Regional Development in the Nordic Arctic](#)

*Organized by Nordregio*

**SPEAKERS**

Anna Berlina, Research Fellow at Nordregio

Anna Karlsdóttir, Senior Research Fellow at Nordregio

Leneisja Jungsberg, Research Fellow at Nordregio

Lise Smed Olsen, Research Fellow at Nordregio

Tim Heleniak, Senior Research Fellow at Nordregio

[Arctic Economic and Business Development](#)

*Organized by the Arctic Economic Council and the Icelandic-Arctic Chamber of Commerce*

[Climate refugees, diaspora and tourism in the North Atlantic Gateway to the Arctic](#)

*Organized by the Centre for Arctic Policy Studies (CAPS) at University of Iceland*

Marc Lanteigne, Senior Research Fellow, Norwegian Institute of International Affairs: Asian Tourism

Gestur Hovgaard, Associate Professor, University of the Faroe Islands: Brain Drain / Diaspora

“Human mobility”

- Kristín Loftsdóttir, Professor, University of Iceland
- Kristinn Schram, Assistant Professor, at University of Iceland

Erna Kristín Blöndal, PhD Student, University of Iceland: Climate refugees

### The North Atlantic Energy Network

*Organized by Nordic Atlantic Cooperation (NORA) committee of the Nordic Council of Ministers and Bellona*

#### SPEAKERS

Angus MacNeil, MP, Chair of Select Committee on Energy and Climate Change, House of Commons, UK

Erla Björk Þorgeirsdóttir, Project Manager, Orkustofnun – National Energy Authority, Iceland: Key findings: North Atlantic Energy Network 1

Kári Mortensen, Head of Energy Department, Environment Agency, Faroe Islands: Key Findings: North Atlantic Energy Network 2

Petur Joensen, Senior Adviser Energy Policy, Ministry of Health and the Interior, Faroe Islands: The Faroese Connection: Benefits and Challenges

#### Moderator:

Bogi Bech Jensen, Honorary Professor, University of Faroe Islands, Visiting Professor, University of Newcastle

### Arctic High Seas - Building Common Interests in the Arctic Ocean

*Organized by Arctic Options*

#### SPEAKERS

Kristina M. Gjerde, J.D., Senior High Seas Advisor, International Union for Conservation for Nature, United States

Christine Provost, Senior Scientist, Laboratoire d'Océanographie et du Climat, Université Pierre et Marie Curie, France

Joji Morishita, Professor, Department of Marine Policy and Culture; Head, Japanese delegation to A5+5 Meeting on High Seas Fisheries in the Central Arctic Ocean, Tokyo University of Marine Science and Technology, Japan

Tero Vauraste, Chief Executive Officer, Arctia Ltd, Finland; Vice Chair, Arctic Economic Council

Alexander N. Vylegzhanin, Director, International Law Programme, MGIMO University, Russian Federation

#### CO-CHAIRS

Paul Arthur Berkman, Fulbright Distinguished Scholar and Research Professor, University of California Santa Barbara, United States

Oran R. Young, Professor Emeritus, University of California Santa Barbara, United States

## Polar Law: Arctic Shipping and the Law of the Sea

*Organized by University of Akureyri*

### SPEAKERS

Alexander Sergunin, Professor of International Relations, St. Petersburg State University

Valery Konyshchev, Professor of International Relations at the St. Petersburg State University

Suzanne Lalonde, Professor of Law, University of Montreal

Dorottya Bognar, PhD Candidate, UiT – The Arctic University of Norway, Tromsø

Chair: Timo Koivurova, Professor of Law, Director of the Arctic Centre, University of Lapland

## Arctic Research, Monitoring, Search & Rescue with Unmanned Aircraft Systems (UAS)

*Organized by Unmanned Aircraft Systems Iceland and the University of Alaska Fairbanks*

Sigurdur Hafstein Hrafnsson, President, UAS Iceland; Chairman, IUASIC-Icelandic UAS Integration Center; CEO, Arctic Test Sites; Member of AMAP Arctic Monitoring and Assessment Program

Marty W. Rogers, Business Director, Alaska Center for Unmanned Aircraft Systems Integration; Deputy Director, ASSURE FAA UAS Center of Excellence, Geophysical Institute, University of Alaska Fairbanks