2014 ASSEMBLY PROGRAM
New Version

THURSDAY, OCTOBER 30

15:00–18:00  REGISTRATION
Location: Harpa

18:00–20:00  WELCOME RECEPTION
Location: Reykjavik Art Museum, in the Harbour House

FRIDAY, OCTOBER 31 – PLENARY SESSIONS

06:30–08:15  BREAKFAST AT HOTELS

07:30–17:00  REGISTRATION
Location: Harpa

08:00–08:30  WATER SOCIAL
Location: Harpa, Second Level.
08:30–10:30  PLENARY SESSION
Location: Silfurberg, Second Level, Harpa

● WELCOME REMARKS
Ólafur Ragnar Grímsson, President of Iceland.

● OPENING SESSION I
Sigmundur Davíð Gunnlaugsson, Prime Minister of Iceland.
Sauli Niinistö, President of Finland.

● OPENING SESSION II
Angela Merkel, Chancellor of the Federal Republic of Germany.
Sam Tan Chin Siong, Minister of State, Singapore.
José Ángel Gurría, Secretary General of OECD.

● OPENING SESSION III
Vincent Rigby, Chair of the Senior Arctic Officials and Assistant Deputy Minister of Foreign Affairs, Trade and Development, Canada.

● OPENING SESSION IV
Lisa Murkowski, United States Senator.
Admiral Robert J. Papp, U.S. Special Representative for the Arctic and former Commandant of the U.S. Coast Guard.

CHAIR: Alice Rogoff, Publisher, Alaska Dispatch News.

10:30–11:15  PLENARY SESSION

● THE ARCTIC IN 2035
PRESENTATION OF THE POLARISK REPORT

SPEAKER:
Mikå Mered, CEO of Polarisk Analytics.

PANEL DISCUSSION:
Lawson Brigham, Professor at the University of Alaska, Fairbanks.
Laurence C. Smith, Author of The World in 2050, Professor, UCLA.

CHAIR: Heiðar Már Guðjónsson, Chairman of Eykon Energy.
11:15-12:00  PLENARY SESSION

- THE ARCTIC FROM SPACE
  SPEAKERS:
  Barbara J. Ryan, Secretariat Director, Group on Earth Observations.
  Robbie Schingler, Co-Founder & President, Planet Labs.
  Andrew Zolli, Strategic Advisor, Planet Labs.

  CHAIR: Dagfinnur Sveinbjörnsson, CEO of the Arctic Circle.

12:00–12:45  NETWORKING LUNCH
  Location: Harpa

12:45–13:45  PLENARY SESSION
  Location: Silfurberg, Second Level, Harpa

- COUNTRY SESSION: FINLAND

  OPENING:
  Sauli Niinistö, President of Finland.

  SPEAKERS:
  Tero Vauraste, CEO, Arctia Shipping Ltd.
  Petteri Taalas, Director-General of the Finnish Meteorological Institute.
  Pertti Korhonen, CEO, Outotec Ltd.

  MODERATOR:
  Hannu Halinen, Ambassador of Arctic Affairs, Ministry of Foreign Affairs of Finland.
PLENARY SESSION
Location: Silfurberg, Second Level, Harpa

COUNTRY SESSION: BRITAIN IN THE ARCTIC

OPENING:
The Rt. Hon. Philip Hammond, MP, Foreign Secretary, United Kingdom.

SPEAKERS:
Mark Prisk, MP, Prime Minister’s Investment Envoy to Baltic and Nordic Nations.
Jane Francis, Professor, Director, British Antarctic Survey.
Terry Callaghan, Distinguished Research Professor at the Royal Swedish Academy of Sciences, Sheffield University, and Tomsk State University.
Michael Macrander, Alaska Science Team Lead, Shell.
Charles Hendry, MP, House of Commons.
Jeffrey Mazo, Senior Fellow, International Institute for Strategic Studies.
Lord Addington, House of Lords Select Committee on the Arctic.

CHAIRS:
James Gray, MP, All Party Parliamentary Group for the Arctic, United Kingdom.
HE Stuart Gill, British Ambassador to Iceland.

15:15–15:30 NETWORKING COFFEE BREAK

15:30–16:15 PLENARY SESSIONS
Location: Silfurberg, Second Level, Harpa

THE WEST NORDIC ARCTIC COOPERATION
PARLIAMENTARIAN-DEMOCRATIC DIMENSIONS IN ARCTIC POLICY

OPENING SPEECH:
Bill Justinussen, Chair of the West Nordic Council and MP, Faroe Islands.

PANEL DISCUSSION:
Einar K. Guðfinnsson, President of the Parliament, Iceland.
Josef Motzfeldt, President of the Parliament, Greenland, 2009-2013.
Páll á Reynatúgvu, Vice-President of the Parliament, Faroe Islands.
Thordur Thorarinsson, Former Secretary-General 2005-2014, West Nordic Council.

CHAIR: Unnur Brá Konráðsdóttir, Vice-Chair of the West Nordic Council and MP, Iceland.
16:15-16:45 REPORT SESSION 1
CHAIR: Alexander Borodin, *International Marketing Strategist, MG3, Ltd*

**REPORT I: World Economic Forum Project**
SPEAKER: Laurence C. Smith, *Professor, UCLA.*

**REPORT II: The Arctic Yearbook**
SPEAKER: Lassi Heininen, *Professor, University of Lapland, Finland.*

**REPORT III: The High Seas**
SPEAKER: Paul Arthur Berkman, *Professor, University of California, Santa Barbara.*

16:45-17:00 NETWORKING COFFEE BREAK
FRIDAY BREAKOUT SESSIONS
The Breakout Sessions are organized by the respective partners of the Arctic Circle, organizations, institutions, companies, think tanks, universities, or other bodies.

17:00-20:00 BREAKOUT SESSIONS

17:00-20:00 BREAKOUT SESSION No. 1: BUSINESS ACROSS THE ARCTIC
Location: Silfurberg A, Second Level, Harpa

SESSION 1A: MAINE: U.S. PARTNER IN ARCTIC DEVELOPMENT, CLIMATE SCIENCE AND SECURITY
Organized by The Office of the Governor of Maine

SPEAKERS:
Paul Mayewski, Director, University of Maine Climate Change Institute.
Patrick Arnold, Director of Operations and Business Development, Maine Port Authority.
Wilfred Richard, Author, "Maine to Greenland."

CHAIR: Dana Eidsness, Director, Maine North Atlantic Development Office.

SESSION 1B: ENERGY

SPEAKERS:
Eysteinn Einarsson, Head of Hydropower and Wind Energy, EFLA Consulting Engineers
Stefán Kári Sveinbjörnsson, Wind Energy Specialist, EFLA Consulting Engineers: The possible utilization of wind energy in isolated systems in northern areas.
Charles Hendry, MP, former Minister of State for Energy and Climate Change, United Kingdom: Co-operation on low carbon electricity between the Arctic and the EU.
Damien Degeorges, PhD, Consultant, Degeorges Consulting ehf: Investing in Greenland: challenges ahead.
Pierre Arcand, Minister of Energy and Natural Resources and Minister responsible for the Plan Nord, Québec.

SESSION 1C: BUSINESS VIEW FROM SVALBARD

SPEAKER: Frank Jacobsen, Director, LNS Spitsbergen.
SESSION 1D: ARCTIC OPPORTUNITIES WITHIN THE CHINA-ICELAND FREE TRADE AGREEMENT.
Organized by Arctic Services

SPEAKERS:
Þóður Hilmarsson, Director of Investments, Promote Iceland.
Þorvaldur Lúðvik Sigurjónsson, Eyjafjörður Business Development Agency.


17:00-19:00 BREAKOUT SESSION No. 2: AN UPDATE ON THE WORLD ECONOMIC FORUM’S GLOBAL AGENDA COUNCIL ON THE ARCTIC
Location: Silfurberg B, Second Level, Harpa
Organized by the World Economic Forum’s Global Agenda Council on the Arctic

SPEAKERS:
Jan-Gunnar Winther, Director, Norwegian Polar Institute.
Theodore Roosevelt IV, Managing Director & Chairman of Barclays Cleantech Initiative.
Scott Miner, Global Chief Investment Officer, Guggenheim Partners.
Mead Treadwell, Lieutenant Governor of Alaska.
Felix Tschudi, Chairman, the Centre for High North Logistics.
Lawson Brigham, Distinguished Professor, University of Alaska Fairbanks.

CHAIR:
Laurence C. Smith, Professor, University of California, Los Angeles; Vice-Chair, Global Agenda Council on the Arctic, World Economic Forum.

17:00-20:00 BREAKOUT SESSION No. 3: AT THE EDGE: THE FUTURE OF ARCTIC COASTLINES
Location: Víkin Maritime Museum
Organized by the Arctic NGO Forum

SPEAKERS:
Paul Holthus, CEO, World Ocean Council.
Jan Gunnar Winther, Director, Norwegian Polar Institute.
Ella Anagick, Board Member, Bering Sea Alliance.
Melanie Smith, Director of Conservation Science, Audubon Alaska.
Frank Hoffman, Technical Officer, Biodiversity and Corporate Relations, Wetlands International.
Paul Berkman, Researcher, Program on Governance for Sustainable Development, University of California, Santa Barbara.
17:00-19:00  BREAKOUT SESSION No. 4: ARCTIC IDENTITIES: FINDING BELONGING AND ASSERTING DIFFERENCE IN THE CIRCUMPOLAR NORTH
Location: Stemma, First Level, Harpa
Organized by University of Durham, University of Tromsø – the Arctic University of Norway, University of Leeds

SPEAKERS:
Britt Kramvig, Professor, Department for Tourism and Northern Studies, University of Tromsø – the Arctic University of Norway.
Berit Kristoffersen, Research Fellow, Department of Sociology, Political Science and Social Planning, University of Tromsø – the Arctic University of Norway: Post-petroleum security in Lofoten: Why identity matters.
Ingrid Medby, Doctoral Candidate, Department of Geography, Durham University: Arctic state ≠ Arctic nation? Arctic national identity among young Norwegians.
Marianne Rasmussen, Director, The University of Iceland's Research Center in Húsavik: Whale-watching in the Arctic: case studies from Iceland.
Philip Steinberg, Professor of Political Geography, Durham University: Squaring the Arctic Circle: Borders, corners, and rough edges in the Polar Mediterranean.

CHAIRS:
Philip Steinberg, Professor of Political Geography, Durham University.

17:00-18:00  BREAKOUT SESSION No. 5: U.S. ARCTIC RESEARCH COMMISSION: RESPONDING TO OIL SPILLS IN THE U.S. ARCTIC MARINE ENVIRONMENT.
Location: Eyri, Second Level, Harpa
Organized by the U.S. Arctic Research Commission

SPEAKER:
Mark D. Myers, Vice Chancellor for Research, University of Alaska Fairbanks.

CHAIR: John Farrell, Executive Director, U.S. Arctic Research Commission.
**17:00-18:30 BREAKOUT SESSION No. 6: THE NEXUS OF THE ENVIRONMENT, RESOURCE EXTRACTION, GLOBAL ECONOMY, (STATE) SOVEREIGNTY, AND GLOBAL GOVERNANCE – AN ARCTIC (SECURITY) PARADOX.**

**Location:** Háaloft, Sixth Level, Harpa

Organized by the Thematic Network on Geopolitics and Security and the Northern Research Forum

**SPEAKERS:**

Matthias Finger, *Professor, École Polytechnique Fédérale de Lausanne, Switzerland:* Too scary to be true or the denial of the Global Arctic.

Auður H. Ingólfsdóttir, *Assistant Professor, Bifröst University, Iceland:* Climate change and offshore oil and gas drilling in the Arctic: Tension between environmental and economic security.

Gunhild Hoogesen Gjørv, *Professor, University of Tromsø – the Arctic University of Norway:* Do Values and Politics Trump Science? The Dynamics Between Energy, Environment and Economy Security in the Arctic.

Heather N. Nicol, *Professor, Trent University:* Neoliberal discourses and their influence on economic development, state sovereignty and bordering in the Canadian Arctic.

Steven Lamy, *Professor and Vice Dean,* and Reid Lidow, *Gates Cambridge Scholar, University of Southern California:* Governing the Arctic Region: Evaluating the ASEAN analogue and lessons from other regional treaties.

**CHAIR:**

Lassi Heininen, *Professor, University of Lapland.*

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**17:00-18:30 BREAKOUT SESSION No. 7: POLAR LAW: ARCTIC SEABED RESOURCES**

**Location:** Glerstofa vestur, Second Floor, Þjóðmenningarhúsið (National Center for Cultural Heritage)

Organized by the University of Akureyri

**SPEAKERS:**

Nigel Bankes, *Professor, University of Calgary School of Law:* The treatment of transboundary hydrocarbon deposits in the maritime delimitation agreements of Arctic states.

Ingvild Jakobsen, *Associate Professor, University of Tromsø – the Arctic University of Norway:* Marine Pollution from Seabed Activities.

Rachael Lorna Johnstone, *Professor, Head of Faculty of Law, University of Akureyri:* Indigenous Rights and Offshore Hydrocarbon Developments in the Arctic.

Bjarni Már Magnússon, *Assistant Professor, Reykjavik University:* Can Zimbabwe bring Canada before an arbitral tribunal for establishing the outer limits of the extended continental shelf in violation of UNCLOS?

**CHAIR:**

Eyjólfur Guðmundsson, *Rector, University of Akureyri.*
17:00-18:30  BREAKOUT SESSION No. 8: MAINSTREAMING ARCTIC SUSTAINABILITY
Location: Ríma B, First Level, Harpa
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.*
Soffia Guðmundsdóttir, *Executive Secretary, PAME.*
Robert Blaauw, *Arctic Theme and Policy Manager, Royal Dutch Shell.*
Ilja Leo Lang, *Office Manager, Association of Arctic Cruise Operators (AECO).*
Ross Hamilton, *Director of Environment and Climate Change (ICMM).*

CHAIR: Gunn Britt Retter, *Head of Arctic and Environmental Unit, Saami Council.*

17:00-18:30  BREAKOUT SESSION No. 9: ICE NAVIGATOR TRAINING AND EXPERIENCE: THE NAUTICAL INSTITUTE'S WAY AHEAD
Location: Skólaskipið Sæbjörg (ICE-SAR Training Vessel)
Organized by Martech Polar Consulting

SPEAKERS:
Captain David Snider, *Senior Vice President, The Nautical Institute.*
17:00-18:30 BREAKOUT SESSION No. 10: YOUTH IN THE ARCTIC: CONNECTING THE LEADERS OF TOMORROW AND TODAY
Location: Norðurljós, Second Level, Harpa
Organized by Youth Arctic Coalition, Barents Regional Youth Council, The Atlantic Council, Arctic Climate Change Emerging Leaders (ACCEL), Ecologic Institute and Reykjavík University.

SPEAKER: Admiral Robert J. Papp, U.S. Special Representative for the Arctic and former Commandant of the U.S. Coast Guard.

TABLE LEADERS:
Sarah Kezia Michelle Sternbergh, Student Leader, the Future Arctic Energy Network, MSc student, Iceland School of Energy at Reykjavík University.
Gerrit Wesselink, Associate Executive Director, Arctic Youth Coalition.
Dominique Souris, 3B Honours Environment and Resource Studies, Co-op, University of Waterloo.
Dayanita Ramesh, Fellow, Arctic Climate Change Emerging Leaders Program, Atlantic Council.
Eleonora Milazzo, Fellow, Arctic Climate Change Emerging Leaders Program, Ecologic Institute.
Sunna Kokkonen, Chairperson, Barents Regional Youth Council.

Q&A MODERATOR:
Edvard Glucksman, Associate Research Fellow, Environment and Sustainability Institute, University of Exeter.

17:00-18:30 BREAKOUT SESSION No. 11: LIVING CONDITIONS AND THE USE OF HEALTHCARE IN THE ARCTIC
Location: Vísa, First Level, Harpa
Organized by the University of Akureyri, Iceland

SPEAKERS:
Hildigunnur Svavarsdóttir, Assistant Professor, Northern Periphery Program, University of Akureyri: How can we affect recruitment and retention of health care professionals in the rural areas of the north?
Sigfríður Inga Karlsdóttir, Associate Professor, Chair of Nursing, University of Akureyri: Childbirth in the north.
Kristín Guðmundsdóttir, Lektor, University of Akureyri: Effectiveness of Telehealth in Behavioral Consultation with Rural Families in Iceland.
Þorbjörg Jónsdóttir, Assistant Professor, University of Akureyri: Chronic pain and healthcare utilization.

CHAIR: Árun K Sigurðardóttir, Professor, Dean of School of Health Sciences, University of Akureyri.
**17:00-18:30**  
**BREAKOUT SESSION No. 12: OCEANA, ICELANDIC CENTER OF EXCELLENCE: CUTTING EMISSIONS IN ARCTIC WATERS**  
*Location: Ríma A, First Level, Harpa*  
Organized by Landsbankinn

**SPEAKERS:**  
Ellý Katrín Guðmundsdóttir, *City Secretary, City of Reykjavík.*  
Dagur B. Eggertsson, *Mayor of Reykjavík.*  
Jón Ágúst Þórsteinsson, *Chairman of Marorka and ARK Technology.*  
Ágústa Loftsdóttir, *Scientist, Natural Energy Authority.*  
Steinþór Pállsson, *CEO of Landsbankinn.*

**17:00-19:00**  
**BREAKOUT SESSION No. 13: NORTH MEETS EAST AT THE ARCTIC CIRCLE: CHINA – NORDIC ARCTIC COOPERATION**  
*Location: Þjóðmenningarhúsið Main Hall (National Center for Cultural Heritage)*  
Organized by the Icelandic Center for Research (RANNIS) and the China-Nordic Arctic Research Center (CNARC)

**OPENING:**  
Chen Yue, *Deputy Director General, Department of International Cooperation, State Oceanic Administration of China.*

**SPEAKERS:**  
Deng Beixi, *Executive Secretary, CNARC: Introduction to the China-Nordic Arctic Research Centre.*  
Thorsteinn Gunnarsson, *Senior Adviser, RANNIS: North meets East, Dialogue and Outcomes.*  
Egill Þór Nielsson, *Executive Secretary, CNARC: Arctic policies of Nordic countries – relevance for China, CNARC’s first book project.*  
Hongqiao Hu, *Head of Division, Polar Research Institute of China (PRIC): China-Iceland Joint Aurora Observatory (CIAO).*  
Li Yuansheng, *Deputy Director, PRIC: International Polar Theme Park in Shanghai.*

**CHAIR:** Hallgrímur Jónasson, *General Director, RANNIS.*
18:00-20:00  REAKOUT SESSION No. 14: WHAT IS THE FUTURE OF THE ARCTIC?
Location: Ris, Top Floor, Þjóðmenningarhúsið (National Center for Cultural Heritage)
Organized by arcticfutures (London) and the Center for Postnormal Policy and Futures Studies (Chicago)

A highly interactive participatory learning experience to enable participants to explore a challenging range of ideas on Arctic futures.

CHAIRS:
Guy Yeomans, Founder, arcticfutures.
John Sweeney, Deputy Director, Center for Postnormal Policy and Futures Studies, East-West University.

18:00-20:00  BREAKOUT SESSION No. 15: FILM SCREENING – PEOPLE OF A FEATHER
Location: Kaldalón, First Level, Harpa
Organized by The Arctic Eider Society

Screening of the documentary film People of a Feather, followed by Q&A.

SPEAKER:
Joel Heath, Executive Director, Arctic Eider Society, 2014-2015 Fulbright Scholar, Visiting Chair in Arctic Studies: Developing stewardship and environmental governance in Canada's largest drainage basin: addressing cumulative impacts of hydroelectric projects on sea ice ecosystems and Inuit communities in Hudson Bay.

18:00-19:00  BREAKOUT SESSION No. 16: U.S. ARCTIC RESEARCH COMMISSION: THE ARCTIC ANTHROPOCENE: EMERGING RESEARCH QUESTIONS.
Location: Eyri, Second Level, Harpa
Organized by the U.S. Arctic Research Commission

SPEAKERS:
Stephanie Pfirman, Professor, Columbia University.
Mark D. Myers, Vice Chancellor for Research, University of Alaska Fairbanks.

CHAIR:
John Farrell, Executive Director, U.S. Arctic Research Commission.
18:30-20:00 BREAKOUT SESSION No. 17: POLAR LAW: ARCTIC SHIPPING
Location: Glerstofa vestur, Second Floor, Þjóðmenningarhúsið (National Center for Cultural Heritage)
Organized by the University of Akureyri

SPEAKERS:
Michael Byers, Professor and Canada Research Chair in Global Politics and International Law, University of British Columbia: Arctic Straits: The Russian-Canadian Alliance.
Tore Henriksen, Professor, University of Tromsø – the Arctic University of Norway: Arctic Shipping and the Law of the Sea.
Hjalti Pór Hreinsson, Program Officer at PAME: China and Arctic Shipping: A realistic future scenario?
Tiantian Zhang, The Arctic Institute: Iceland's Potential as a Trans-Arctic Shipping Hub.

CHAIR:
Amalie Giødesen Thystrup, Ph.D Fellow, University of Copenhagen Faculty of Law.

18:30-20:00 BREAKOUT SESSION No. 18: THE ARCTIC DATA INTERFACE: A CENTRAL INFORMATION AND DATA SQUARE FOR THE ARCTIC
Location: Visa, First Level, Harpa
Organized by The Arctic Portal

SPEAKERS:
Halldór Jóhannsson, Director, Arctic Portal: An interactive and interoperable gateway to multidisciplinary Arctic data and information for the benefit of science, policy, business and people.
Dr. Hanne H. Christiansen, The University Center in Svalbard, Professor of Physical Geography: Focus on high arctic permafrost data from Svalbard from various landforms as examples of permafrost climate sensitivity studies to information and permanent knowledge.
Jenny Baseman, Director, Climate and Cryosphere, Norwegian Polar Institute: Sea-ice concentration and thickness evaluation and inter-comparison. Current challenges in data gathering and interpretation.
Lars Kullerud, President, University of the Arctic: Understanding the importance of visualization and popularization of data – an Arctic Atlas.
Jean-Pierre Lanckman, Data Manager, Arctic Portal: Introduction to PAGE21 & GTN-P Database. Engaging GIS compliant visualization and query technologies, thus facilitating the conversion of data to information and permanent knowledge.

CHAIR:
Halldór Jóhannsson, Director, Arctic Portal.
Location: Ríma B, First Level, Harpa
Organized by Alaska Dispatch News

SPEAKERS:
James Collins, former U.S. Ambassador, Diplomat in Residence and Senior Associate, Russia and Eurasia Program, Carnegie Endowment for International Peace.
Michael Sfraga, Vice Chancellor, University of Alaska Fairbanks and Co-Director, University of the Arctic Institute for Arctic Policy.
Ross Virginia, Director, Institute of Arctic Studies, Dickey Center for International Understanding; Myers Family Professor of Environmental Science, Dartmouth College; and Co-Director, University of the Arctic Institute for Arctic Policy.
Ken Yalowitz, former U.S. Ambassador, Global Fellow, Kennan Institute, Woodrow Wilson Center.

CHAIR: Alice Rogoff, Publisher, Alaska Dispatch News.

18:30-20:30 BREAKOUT SESSION No. 20: HIGH NORTH ENGINEERING AND PLANNING PROJECTS
Location: Norðurljós, Second Level, Harpa
Organized by The Center of High North Engineering and Planning and Engineering Research Institute, University of Iceland.

SPEAKERS:
Guðmundur Freyr Úlfarsson, Professor, University of Iceland: Future Settlement and Activity Changes in the Arctic.
Trausti Valsson, Professor, University of Iceland: Planning Tools for Overview and Scenarios on How the Arctic May Evolve.
Kjartan Eliasson, Graduate Student, University of Iceland: Evaluation Mapping of the Future Arctic – Implications for Iceland.
Björn Karlsson, Associate Professor, University of Iceland: Using Risk Assessment to Evaluate Search and Rescue Options in the Arctic, and other Engineering Strategies.
Gunnar Stefánsson, Professor, University of Iceland: Arctic Freight Voyages Coming True? - Opportunities and Challenges.

CHAIR: Jukka Heinonen, Assistant Professor, University of Iceland.
18:40-20:00 BREAKOUT SESSION No. 21: ARCTIC SCIENCE IN GLOBALIZATION: BEYOND THE INTERNATIONAL POLAR YEAR 2007-2008
Location: Háalloft, Sixth Level, Harpa
Organized by Northern Research Forum

SPEAKERS:
Rasmus Gjedssø Bertelsen, Barents Chair in Politics, University of Tromsø – the Arctic University of Norway / Aalborg University.
Matthias Finger, Professor, École Polytechnique Fédérale de Lausanne, Switzerland: Energy and resources policy, technology, Switzerland.
Heather Exner-Pirot, Strategist for Outreach and Indigenous Engagement, University of Saskatchewan, Canada
David Hik, Professor, University of Alberta, Chair, International Conference on Arctic Research Planning III
Gunhild Hoosensen Gjörv, Professor, University of Tromsø – the Arctic University of Norway.
Halldór Jóhannsson, Director, Arctic Portal.
Gleb Yarovoy, Associate Professor, Petrozavodsk State University.

CHAIR: Lassi Heininen, Professor, University of Lapland.

20:00-22:00 NETWORKING RECEPTIONS AND DINNERS AT VARIOUS LOCATIONS

SATURDAY, NOVEMBER 1 – PLENARY SESSIONS

06:30–08:15 BREAKFAST AT HOTELS

07:30–17:00 REGISTRATION
Location: Harpa

08:00–08:30 WATER SOCIAL
Location: Harpa, Second Level.

08:30–9:15 PLENARY SESSION
Location: Silfurberg, Second Level, Harpa

● QUÉBEC PLAN NORD

KEYNOTE SPEECH:
Philippe Couillard, Premier of Québec.

CHAIR: Patrick Van Klaveren, Ambassador, Principality of Monaco. Prince Albert II Foundation.
PLENARY SESSION

ARCTIC LANDMARKS

SESSION I: SVALBARD
SPEAKER:
Christin Kristoffersen, Mayor of Longyearbyen, Svalbard.

SESSION II: THE SAKHA REPUBLIC
SPEAKER:
Egor Borisov, Head of the Sakha Republic (Yakutia), Chair of the Northern Forum.

SESSION III: EXPLORING THE ARCTIC
SPEAKER:
Artur Chilingarov, Explorer and Special Envoy of the Russian President to the Arctic.
10:00–11:00  PLENARY SESSION

● COUNTRY SESSION: JAPAN

SPEAKERS:
Kenichi Suganuma, *Ambassador in charge of Arctic Affairs, Ministry of Foreign Affairs of Japan.*

Yoshihisa Shirayama, *Executive Director of the Japan Agency for Marine-Earth Science and Technology (JAMSTEC).*

Atsushi Sunami, *Professor, National Graduate Institute for Policy Studies (GRIPS).*

PANELISTS:
H.E. Mitsuko Shino, *Ambassador Extraordinary and Plenipotentiary of Japan to Iceland.*

Hiroyuki Enomoto, *Professor, Deputy-Director, National Institute of Polar Research.*

Takashi Kikuchi, *Team Leader, Arctic Ocean Climate System Research Team, Japan Agency for Marine-Earth Science and Technology (JAMSTEC).*

DELEGATION:
Yoshihiro Katayama, *Director, Maritime Security Policy Division, Ministry of Foreign Affairs.*

Takashi Kiyoura, *Director, Ocean and Earth Division, Ministry of Education, Culture, Sports, Science, Technology.*

Tomoko Hamachi, *Professional Staff, GRIPS Innovation, Science and Technology Policy Program (GIST) National Graduate Institute for Policy Studies (GRIPS).*


Tatsukuni Uchida, *Counselor, Embassy of Japan in Iceland.*

11:00-12:15 PLENARY SESSION
Location: Silfurberg, Second Level, Harpa

● THE ARCTIC OCEAN – FISHERIES

KEYNOTE SPEECH:
Árni Mathiesen, Assistant Director-General, FAO; Head of the Fisheries and Aquaculture Department.

SPEAKERS:
Michael Jones, Chief Technology Advocate, Google.
Jóhann Sigurjónsson, Director General of the Icelandic Marine Research Institute.
Ghislaine Maxwell, Founder, The TerraMar Project.
Susan Hackley, Managing Director, Program on Negotiation, Harvard Law School.

CHAIRS:
Paul Holthus, CEO, World Ocean Council.
Tómas Heiðar, Judge of the International Tribunal for the Law of the Sea.

12:15–13:00 NETWORKING LUNCH
Location: Harpa

13:00-14:00 PLENARY SESSION

● COUNTRY SESSION: FRANCE

OPENING:
Laurent Fabius, Foreign Minister of France. (Message read out by Mr Philippe O’Quin, Ambassador of France to Iceland).

SPEAKERS:
Yves Frenot, Director, French Polar Institute.

Denis-Didier Rousseau, Senior Research Scientist, Coordinator, National Scientific Arctic Network.
Cdr Patrick Marchesseau, Senior Captain, Pontant.

MODERATOR: Laurent Mayet, Deputy Ambassador to the Polar Regions.
14:00–14:25 **REPORT SESSION 2**  
CHAIR: Lars Kullerud, President, University of the Arctic.

**REPORT IV: China-Nordic Arctic Cooperation**  
SPEAKER:  
Jia Guide, Deputy Director General, Department of Treaty and Law, Ministry of Foreign Affairs, People’s Republic of China.

**REPORT V: Geopolitics in the High North**  
SPEAKER: Kristine Offerdal, Acting Director, Norwegian Institute for Defence Studies.

14:25-14:35 **NETWORKING COFFEE BREAK**

14:35-15:50 **PLENARY SESSION**  
Location: Silfurberg, Second Level, Harpa

**● BUSINESS ACROSS THE ARCTIC**  
INVESTMENT. INFRASTRUCTURE. TRADE. SHIPPING.

SPEAKERS:  
Bjarni Benediktsson, Minister of Finance, Iceland.  
Scott Minerd, Global Chief Investment Officer, Guggenheim Partners.  
Ye Weilong, Vice President, China Ocean Shipping Company (COSCO).  
Mead Treadwell, Lieutenant Governor of Alaska.  
Ohyig Kwon, Vice President, Daewoo Shipbuilding & Marine Engineering Co., Ltd.

CHAIR: Scott Borgerson, Managing Director, CargoMetrics.

15:50–16:15 **REPORT SESSION 3**  
CHAIR: Lars Kullerud, President, University of the Arctic.

**REPORT VI: Korea in the Arctic**  
SPEAKER:  
Jai-Chul Choi, Ambassador for Climate Change, Republic of Korea.

**REPORT VII: Italy in the Arctic**  
SPEAKER:  
Giorgio Novello, Ambassador of Italy to Iceland.

16:15-16:30 **NETWORKING COFFEE BREAK**
SATURDAY BREAKOUT SESSIONS
The Breakout Sessions are organized by the respective partners of the Arctic Circle, organizations, institutions, companies, think tanks, universities, or other bodies.

16:30-19:30 BREAKOUT SESSIONS

16:30-19:30 BREAKOUT SESSION No. 1: BUSINESS ACROSS THE ARCTIC
Location: Silfurberg A, Second Level, Harpa

SESSION 1E: INFRASTRUCTURE

SPEAKERS:
Jón Vilhjálmsson, Director Energy, EFLA Consulting Engineers: Development of transmission system in sparsely populated area and operation in harsh weather conditions, an Icelandic example.
Árni Jón Elíasson, Specialist, Landsnet: Overhead Transmission Lines in Northern Regions - Preparation and Design in Challenging Conditions
Nils Arne Johnson, Arctic Director, Ramboll.
Jón Haukur Steingrimsson, Head of Geotechnical Engineering, EFLA Consulting Engineers: Experience in developing transmission lines in permafrost areas such as Greenland.
Adam Gordon, Account Manager, Supply Chain, CDP.

CHAIR: Sveinn I. Ólafsson, CEO of Verkís

SESSION 1F: MINING AND ARCTIC DEVELOPMENT: ACHIEVING SHARED DECISION-MAKING AND SHARED-VALUE
Organized by the International Council on Mining and Metals (ICMM)

SPEAKERS:
Marcia Smith, Senior Vice President, Sustainability & External Affairs, Teck.
Janos Pasztor, Acting Executive Director, Conservation International at WWF International.

CHAIR: Anthony Hodge, President, ICMM.
SESSION 1G: SHIPPING

SPEAKERS:
Ian Storey, Senior Fellow, Editor, Contemporary Southeast Asia, Institute of Southeast Asian Studies, Republic of Singapore: Singapore’s perspectives on the Northern Sea Route.
Captain David Snider, Senior Vice President, The Nautical Institute: Ice Navigator Training and Experience: The Nautical Institute’s Way Ahead.
Gil Soo Kim, Professor, Korea Maritime and Ocean University: The advantages of shipping logistics when using the NSR: The case of Korea.

SESSION 1H: DECISION MODEL TO BENEFIT BUSINESS AND GOVERNMENT
Organized by Reykjavik University

SPEAKER: Þóðór Vikingur Friðgeirsson, Assistant Professor, University of Reykjavík.

16:30-19:30 BREAKOUT SESSION No. 22: BRITAIN AND THE ARCTIC
Location: Kaldalón, First Level, Harpa
Organized by the All Party Parliamentary Group for the Arctic, United Kingdom

SPEAKERS:
Introduction
James Gray, MP, All Party Parliamentary Group on the Arctic.
Dr Dougal Goodman, Chief Executive, Foundation for Science & Technology: Arctic development: keeping the licence to operate.
Guy Yeomans, Founder and Director, Arctic Futures: The Inaugural Arctic Hub: London event and the role London plays as a ‘global’ city in the potential future development of the Arctic.

i. Arctic Policy
Duncan Depledge, Research Analyst, Climate Change and Security Programme, Royal United Services Institute: Being ‘near Arctic’: contemporary British policy towards the Far North?
Michael Dangerfield, Ph.D Candidate, Oxford University: The Arctic’s Rights of Passage: Resource Extraction, Indigenous Rights Based Conventions and the Evolving Role of the Private Sector.
Corinne Wood-Donnelly, Ph.D, Brunel University: Constructing the Arctic: Rules, Policy & Governance 1494-2013.
Johann Bruun, Durham University: Techno-politics and the production of territory in Post-War Greenland.

ii. Arctic Science
Anni Makela, Research PG, Oceanlab, Aberdeen University: Arctic benthic ecosystems and their resilience to climate change.
Jane Francis, Professor, Director, British Antarctic Survey: Science in the Arctic.
William Davies, PhD Student, University of Leeds: 'Scale-complexity' and offshore hydrocarbon development in the Arctic.
Samuel Wright, PhD Student, University of Leeds: The complicated role of science, trust and the extractives industries in a developing Greenland.

iii. Arctic Business
Andrew Foxall, Director, Russia Studies Centre, The Henry Jackson Society: Opportunities and Challenges for UK Businesses in the Arctic.
Michael Kingston, Associate Partner, DWF Fishburns LLP: Realities of operating in the Arctic: Finance, legal and insurance issues and international regulation - the Polar Code developments.
Ed Hawkins, Principal Research Fellow, National Centre for Atmospheric Science, Reading University: Arctic climate variability & when will the Arctic be sea-ice free?
Nathanael Melia, Ph.D Student, Reading University: When will trans-polar shipping routes be reliably open?
Martyn Millwood Hargrave, CEO, IKON Science: Deepwater Arctic Exploration: balancing benefits and challenges.
Peter Aslett, Ion Concept Systems: Narwhal Ice management - Concept Systems and its background in relation to Arctic operations and requirements.
Tom Boardley, Lloyd's Register Maine: Lloyd's' involvement in Arctic and Antarctic operations.

CHAIR:
James Gray, All Party Parliamentary Group for the Arctic, MP, United Kingdom.
16:30-19:30  BREAKOUT SESSION No. 23: ARCTIC TRANSFORMATIONS TO SUSTAINABILITY
Location: Eyri, Second Level, Harpa
Organized by the International Institute for Sustainable Development (IISD) and the Institute for Advanced Sustainability Studies (IASS)

SPEAKERS:
Paul Holthus, CEO, World Ocean Council.
Tom Paddon, Executive Chair, Arctic Economic Council; CEO, Baffinland.
Gunn-Britt Retter, Head, Arctic and Environment Unit, Saami Council.
Shardul Agrawala, Head, Environment and Economy Integration Division, Environment Directorate, OECD.
John Crump, Senior Advisor on Climate Change, Polar & Cryosphere Division, GRID Arendal.
Nina Poussenkova, Senior Researcher, Institute for World Economy and International Relations of the Russian Academy of Sciences.
Jim Gamble, Executive Director, Aleut International Association.
*Laurence Smith, Professor and Chair of Geography, Professor of Earth, Planetary and Space Sciences, University of California Los Angeles.

Interactive exercise involving all participants.

CO-CHAIRS:
Prof. Dr. Ilan Chabay, Senior Fellow, IASS.
Dr. Ivetta Gerasimchuk, Senior Researcher, IISD.
Dr. Kathrin Keil, Project Scientist, IASS, Europe Director - Arctic Security, Cooperation, Resources and Institutions, The Arctic Institute.
BREAKOUT SESSION No. 24: SCIENCE AND TECHNOLOGY OF DISAPPEARING ICE: INSTITUTIONAL SCIENTIFIC COOPERATION
Location: Stemma, First Level, Harpa
Organized by the Icelandic Centre for Research (RANNIS) and the International Arctic Science Committee (IASC)

SPEAKERS:
Michael Karcher, Researcher, Alfred Wegener Institute: Sea Ice related science and technology for prediction and understanding.
Tero Vauraste, CEO, Arctia Shipping, Finland: Arctic Economic Council: Facilitating knowledge and data exchange between industry and academia.
Erica Key, Program Director, Division of Polar Programs, National Science Foundation: Societally Significant Observing: Meeting Needs Now for a Resilient Future.
Eyjólfur Guðmundsson, Rector, University of Akureyri, Iceland: International monitoring efforts for ice in the Arctic: Akureyri as field lab and an international research center.
Páll Ásgeir Davíðsson, Vox Naturae, Iceland: The Ice Circle Initiative: a new international entity generating multidisciplinary response to the impact of changing snow and ice regimes.
Michael Macrander, Alaska Science Team Lead, Shell.

CHAIR:
David Hik, Professor, University of Alberta, Chair, International Conference on Arctic Research Planning III.

BREAKOUT SESSION No. 25: QUÉBEC PLAN NORD – SUSTAINABLE PARTNERSHIP, DEVELOPMENT AND INNOVATION
Location: Silfurberg B, Second Level, Harpa
Organized by Government of Québec

SPEAKERS:
Matthew Coon Come, Grand Chief of the Grand Council of the Crees (Eeyou Istchee) and Chairperson of the Cree Regional Authority.
Adamie Delisle Alaku, VP Renewable Resources, Makivik Corporation.
Patrick Godin, Chief Operating Officer and Vice-President of Stornoway Diamond Corporation.
Jean-François Verret, Director; Strategy, Projects and Public Affairs; Mine Raglan – Glencore.
Sophie D’Amours, Vice-Rector Research and Innovation, Université Laval.

MODERATOR:

CHAIR:
Pierre Arcand, Minister of Energy and Natural Resources and Minister responsible for the Plan Nord, Québec.
**BREAKOUT SESSION No. 26: REGIONAL COOPERATION OF THE WORLD’S NORTHERN REGIONS**

**Location:** Main Hall, Þjóðmenningarhúsið (National Center for Cultural Heritage)

Organized by The Northern Forum and Arctic Portal

**SPEAKERS:**
Egor Borisov, *the Head of the Sakha Republic (Yakutia), Chair of the Northern Forum, Russia.*

Eiríkur Björn Björgvinsson, *Mayor of Akureyri.*

Timo Rautajoki, *President, Lapland Chamber of Commerce.*

Mikå Mered, *CEO, French Polar Cluster, France.*

Olivier Dobbels, *Co-President, French Polar Cluster.*

Anders Bjorklund, *Director, Carnivore Centre "Orsa Gronklitt", Dalarna, Sweden.*

Alexander Kravtchenko, *Director, Sakha Tuberculosis Medical Centre, Sakha Republic (Yakutia), Russia.*

Olga Stysyuk, *Director of "Otrazhenie" Museum, Khanty-Mansiysk-Yugra, Russia.*

Halldór Jóhannsson, *Director, Arctic Portal.*

Magdalena Tomasik, *Manager, Arctic Portal, Iceland.*

**CHAIRS:**
Vladimir Vasiliev, *Minister on Federative and External Relations, Sakha Republic.*

Halldór Jóhannsson, *Director, Arctic Portal.*
BREAKOUT SESSION No. 27: A WARM LAND IN A COLD PLACE. ITALY IN THE ARCTIC FROM A TO Z: BUSINESS, SCIENCE, RESEARCH, TECHNOLOGY.

Location: Norðurljós, Second Level, Harpa
Organized by the Embassy of Italy to the Republic of Iceland

OPENING:
Ambassador Giorgio Novello, Embassy of Italy to Iceland.

SPEAKERS:
Tony Ellis, Vice President and Head of International Affairs, Valvitalia.
Fausto Batini, CEO, Magma Energia Italia S.R.L.
Emanuele Saiu, CEO, Becromal Iceland ehf.
Donatella Giampaolo, Head of European Business Development, Telespazio SpA.
Vito Vitale, Department for Earth and Environment, National Research Council of Italy.
Paolo Favali, Senior Researcher, National Institute for Geophysics and Vulcanology.
John Picard, Director, International Strategy and Partnerships, EMSO (European Multidisciplinary Seafloor and Water Column Observatory).
Massimo Inguscio, President, National Institute of Metrological Research.
Andrea Merlone, Director, Istituto Nazionale di Ricerca Metrologica, Thermodynamics Division.
Angelo Camerlenghi, Director, Geophysics Research Section, Istituto Nazionale di Oceanografia e di Geofisica Sperimentale OGS, Trieste.

MODERATOR: Tommaso Andria, Deputy Head of Mission, Embassy of Italy to Norway and Iceland.
16:30-18:00 BREAKOUT SESSION No. 28: MILITARY STRATEGIES AND DEFENCE POLICIES IN, AND IMPACTS OF RECENT CRISSES ON, SECURITY OF THE ARCTIC
Location: Háalloft, Sixth Level, Harpa
Organized by the Thematic Network on Geopolitics and Security and the Northern Research Forum

SPEAKERS:
Stéphane Roussel, Professor, ENAP and Frédéric Lasserre, Professor, Université Laval: Russian Flights and the Canadian Arctic: media reports, military statements, and meanings for Canadian sovereignty and security.
Barbora Padrtova, Research Fellow, Centre for European and North Atlantic Affairs, Slovak Republic: Russian Military Build-up and Aggressive Rhetoric – How it Influences Cooperation in the Arctic.
Alexander Sergunin, Professor, St. Petersburg State University, Russia: Russian Military Strategies in the Arctic – Looking for New Priorities?
Valery Konyshev, Professor, St. Petersburg State University, Russia: U.S. Military Strategies in the High North: In Search of a New ‘Identity’?
Michael T. Corgan, Professor, University of Boston: Will the US discover the Arctic once again?

CHAIR: Gunhild Hoogensen Gjörv, Professor, University of Tromsø – the Arctic University of Norway.

16:30-18:00 BREAKOUT SESSION No. 29: THE ECONOMICS OF ECOSYSTEMS AND BIODIVERSITY TEEB – VALUING THE INVALUABLE ARCTIC
Location: Ríma A, First Level, Harpa
Organized by World Wildlife Fund (WWF Arctic) and the Conservation of Arctic Flora and Fauna International Secretariat (CAFF)

SPEAKERS:
Tom Barry, Executive Secretary, CAFF.
Timo Rautajoki, President and CEO, Lapland Chamber of Commerce.
Cheryl Rosa, Deputy Director, U.S. Arctic Research Commission.
Ilja Leo Lang, Office Manager, Association of Arctic Cruise Operators.
Suzanne Lalonde, Professor, Université de Montréal.

CHAIR:
Alexander Shestakov, Director, WWF Global Arctic Programme.
16:30-18:00 BREAKOUT SESSION No. 30: HEALTH AND WELL-BEING IN THE ARCTIC
Location: Vísa, First Level, Harpa
Organized by the University of Akureyri

SPEAKERS:
Sigrún Sigurðardóttir, Assistant Professor, University of Akureyri: Psychological trauma and violence, consequences for health and well-being and multi-disciplinary therapy.
Elin Ebbá Ásmundsdóttir, Associate Professor, University of Akureyri: How to empower users in the mental health field.
Kristín Þórarinsdóttir, Lektor, University of Akureyri: Can person-centered self-assessment on health contribute to health promotion in the Arctic.
Árún K. Sigurðardóttir, Professor, Dean of School of Health Sciences, University of Akureyri: Diabetes in the Arctic.

CHAIR: Sigrún Sigurðardóttir, Assistant Professor, School of Health Sciences, University of Akureyri.

16:30-18:00 BREAKOUT SESSION No. 31: FISHERIES EDUCATION IN COLD WATERS
Location: Ris, Top Floor, þjóðmenningarhúsið (National Center for Cultural Heritage)
Organized by the University of Akureyri

SPEAKERS:
Arto Huhta, Senior Lecturer, Turku University of Applied Sciences.
Hörður Sævaldsson, Adjunct Specialist, Program Fisheries Sciences Centre, University of Akureyri.
Hreiðar Þór Valtýsson, Director, Fisheries Sciences Centre, University of Akureyri.
Kathrine Tveiterås, Head of Department, Norwegian College of Fishery Science, University of Tromsø – the Arctic University of Norway.
Keith Rideout, Academic Director, Fisheries and Marine Institute, Memorial University.
Michael Sfraga, Vice Chancellor for University and Student Advancement, University of Alaska Fairbanks.
Ólafur Jón Arnbjörnsson, Director, Icelandic College of Fisheries.
Peter Weiss, Director, The University Centre of the Westfjords.

CHAIR:
Ögmundur Knútsson, Dean of School of Business and Science, University of Akureyri.
16:30-18:00 **BREAKOUT SESSION No. 32: ARCTIC METHANE**  
Location: Glerstofa austur, Second Floor, þjóðmenningarhúsið (National Center for Cultural Heritage)  
Organized by University of Alaska Fairbanks  

**SPEAKERS:**  
Dan White, Associate Vice Chancellor for Research and Director, Institute of Northern Engineering, University of Alaska Fairbanks.  
Igor Semiletov, Research Professor, International Arctic Research Center, University of Alaska Fairbanks.  

**CHAIR:**  
Mark D. Myers, Vice Chancellor for Research, University of Alaska Fairbanks.

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16:30-18:00 **BREAKOUT SESSION No. 33: INCREASING KNOWLEDGE OF THE ARCTIC: INTERNATIONAL SCIENTIFIC COLLABORATION AND EXCHANGE OPPORTUNITIES**  
Location: Glerstofa vestur, Second Floor, þjóðmenningarhúsið (National Center for Cultural Heritage)  
Organized by the Fulbright Program  

**SPEAKERS:**  
Lars Kullerud, President, University of the Arctic.  
Belinda Theriault, Executive Director, Iceland-U.S. Educational Commission.  
Terhi Mölsä, Executive Director, Finland-U.S. Educational Exchange Commission.  
Eric Jönsson, Executive Director, Commission for Educational Exchange between the U.S. and Sweden.  

**CHAIR:**  
Petter Næss, Executive Director, U.S. – Norway Fulbright Foundation.
18:00-19:30 BREAKOUT SESSION No. 34: GEOPOLITICS AND SECURITY IN THE ARCTIC. REGIONAL DYNAMICS IN A GLOBAL WORLD
Location: Visa, First Level, Harpa
Organized by the Norwegian Institute for Defence Studies.

SPEAKERS:
Bård Glad Pedersen, State Secretary, Ministry of Foreign Affairs, Norway.
Kristine Offerdal, Acting Director Norwegian Institute for Defence Studies: International relations in the Arctic – conflicting interests?
Alf Håkon Hoel, Research Director, Institute of Marine Research: The legal-political regime – conflicting interests?
Valur Ingimundarson, Professor, University of Iceland.

18:00-19:30 BREAKOUT SESSION No. 35: ARCTIC COMMERCIAL OPPORTUNITIES AND CORPORATE SOCIAL RESPONSIBILITY
Location: Ríma A, First Level, Harpa
Organized by the Icelandic Arctic Cooperation Network, the Icelandic-Arctic Chamber of Commerce, Festa – the Icelandic Center for Corporate Social Responsibility, in cooperation with the Icelandic Joint Committee on Arctic Affairs, Arctic Services, and the Icelandic Search and Rescue Cluster.

SPEAKERS:
Hans Christian Krarup, Director, Golder Associates A/S.
Robert Howe, Managing Director, Bremenports GmbH & Co.
Kolbeinn Árnason, Executive, Federation of Icelandic Fishing Vessel Owners.
Nils Arne Johnsen, Arctic Director, Ramboll Group.
Tero Vauraste, President and CEO, Arctia Group; Vice Director, Arctic Economic Council.

CHAIR: Orri Vigfússon, Founder and Chairman of the North-Atlantic Salmon Fund.
18:00-19:30  BREAKOUT SESSION No. 36: POLAR LAW: ARCTIC GOVERNANCE
Location: Glerstofa vestur, bjàðmenningarhúsið (National Center for Cultural Heritage)
Organized by the University of Akureyri

SPEAKERS:
Lassi Heininen, Professor, the University of Lapland: The role and importance of high stability and peace for Arctic governance.
Mary Durfee, Associate Professor at Michigan Tech University: Every Treaty is a Policy: Expectations and Change in the Arctic.
Federica Scarpa, Project Manager at Arctic Portal: The EU, the Arctic and the ban on seal products.
Erik Vilstrup Lorenzen, Arctic Ambassador, Undersecretary for Arctic Affairs, Danish Ministry of Foreign Affairs: Arctic Governance: How do we keep the Arctic a low-tension area?

CHAIR:
Guðrún Rós Þórsteinsdóttir, Director, University of Akureyri Research Centre and the Northern Research Forum.

18:00-19:30  BREAKOUT SESSION No. 37: MANAGING SHARED INTERESTS IN OIL AND GAS RESOURCES
Location: Ríma B, First Level, Harpa
Organized by Stony Brook University.

This session brings together experts in energy, the environment and the Arctic to examine shared interests and opportunities in Arctic oil and gas.

SPEAKERS:
Terry Audla, National Inuit Leader and President of Inuit Tapiriit Kanatami.
Robert Blaauw, Arctic Theme and Policy Manager, Royal Dutch Shell.
Heiðar Már Guðjónsson, Chairman of Eykoni Energy.
Erik Haaland, Arctic Non-technical Risk, Statoil.
David Hik, Professor, University of Alberta; Chair, ICARP III.
Gunhild Hoogesen Gjørv, Professor, University of Tromsø.
Auður H. Ingólfsdóttir, Assistant Professor, Bifröst University.
Guðni A. Jóhannesson, Director General, National Energy Authority/Orkustofnun.
William Moomaw, Professor Emeritus of International Environmental Policy, Fletcher School of Law and Diplomacy, Tufts University.
Alexander Shestakov, Director, WWF Global Arctic Programme.
Fran Ulmer, Chair, U.S. Arctic Research Commission and Special Advisor to the U.S. State Department on Arctic Science and Policy.

CHAIR:
Kathleen Araújo, Assistant Professor, Stony Brook University and Research Affiliate, Massachusetts Institute of Technology.
18:10-19:40 BREAKOUT SESSION No. 38: FUTURE SECURITY OF THE ARCTIC: ENVIRONMENTAL / HUMAN SECURITY, ENERGY SECURITY, MARITIME SAFETY, AND INTERNATIONAL TREATIES
Location: Háalofth, Sixth Level, Harpa
Organized by the Thematic Network on Geopolitics and Security and the Northern Research Forum

SPEAKERS:
Suzanne Lalonde, Professor, University of Montreal: Role of International Law in Fostering Environmental Security in Arctic Waters.
Malte Humpert, Founder and Executive Director, The Arctic Institute: The Future of Arctic Shipping: A New Silk Road for China?
Jussi Huotari, Ph.D Candidate, and Hanna Lempinen, Ph.D Candidate, University of Lapland, Finland: Energy Securities – Perspectives From and to the Arctic Energyscape.
Bertel Heurlin, Jean Monnet Professor, University of Copenhagen: Comparing and explaining the role of the United States and China in the territorially disputed sub-regions of the South China Sea and the Arctic.
Zhang Pei, Deputy Director, Shanghai Institutes for International Studies: The Evolving concept of security, and security in the Arctic.

CHAIR: Michael T. Corgan, Professor, University of Boston

19:30-22:00 NETWORKING RECEPTIONS AND DINNERS AT VARIOUS LOCATIONS

SUNDAY, NOVEMBER 2 – PLENARY SESSIONS

06:30–08:15 BREAKFAST AT HOTELS

07:30–17:00 REGISTRATION
Location: Harpa

08:00–08:30 WATER SOCIAL
Location: Harpa, Second Level.
08:30–09:45  PLENARY SESSION
Location: Silfurberg, Second Level, Harpa

★ ARCTIC SECURITY

SPEAKERS:

Bård Glad Pedersen, State Secretary, Ministry of Foreign Affairs, Norway.
Alexander Sergunin, Professor, St. Petersburg State University, Russia.

★ COAST GUARDS: SEARCH & RESCUE

SPEAKERS:

Georg Kr. Lárusson, General Director of the Icelandic Coast Guard.
Richard Button, Chief of the Search and Rescue Coordination Division, U.S. Coast Guard.
Commander Blake McBride, Associate Director, Office of Naval Research.

CHAIR: Lassi Heininen, Professor, University of Lapland; Leader of Thematic network on Geopolitics and Security.

09:45-11:15  PLENARY SESSION

★ ARCTIC ICE – GLOBAL CLIMATE – SCIENTIFIC COOPERATION

KEYNOTE SPEECH:
Christiana Figueres, Executive Secretary of the UN Framework Convention on Climate Change (UNFCCC).

SPEAKERS:
Fran Ulmer, Chair, U.S. Arctic Research Commission and Special Advisor to the U.S. State Department on Arctic Science and Policy.
Jane Francis, Director, British Antarctic Survey.
Jan-Gunnar Winther, Director, Norwegian Polar Institute.
Peter Wadhams, Professor, Department of Applied Mathematics and Theoretical Physics, University of Cambridge.
John Falkingham, Secretariat Director, International Ice Charting Working Group.
David Hik, University of Alberta, Chair ICARP III.
Seung Woo Han, Director, Korean Polar Research Institute.

CHAIR: Kristín Ingólfsdóttir, Rector, University of Iceland.
11:15-12:00  PLENARY SESSION

● INDIGENOUS VOICES FROM THE ARCTIC

SPEAKERS:
Terry Audla, *National Inuit Leader and President of Inuit Tapiriit Kanatami*.
Anders Oskal, *Executive Director, International Centre for Reindeer Husbandry*.
Okalik Eegeesiak, *Chair, Inuit Circumpolar Council*.

CHAIR: Tine Pars, *Rector, Ilisimatusarfik / University of Greenland*.

12:00-12:30  REPORT SESSION 4

CHAIR: Embla Eir Oddsdóttir, *Director, Icelandic Arctic Cooperation Network*.

REPORT VIII: Enhancing the US Chairmanship of the Arctic Council: Fulbright’s Commitment to the Arctic 2015-2017
SPEAKER:
Alice Rogoff, *Publisher, Alaska Dispatch*.

REPORT IX: The State of the Alaskan Arctic
SPEAKER:
Lesil McGuire, *Member of the Alaska Senate*.
12:30–13:30  NETWORKING LUNCH
Location: Harpa

13:30-15:00  PLENARY SESSION

● RISING STARS: THE ARCTIC, CLIMATE CHANGE AND THE ROLE OF RENEWABLE ENERGY

SPEAKERS:
William Moomaw, Professor Emeritus of International Environmental Policy, Fletcher School of Law and Diplomacy, Tufts University.
Kartikeya Singh, Doctoral Research Fellow, Center for International Environment & Resource Policy, the Fletcher School of Law and Diplomacy, Tufts University.
Samuel Perkin, PhD Candidate, Landsnet and Iceland School of Energy at Reykjavik University.
Halla Hrund Logadóttir, Director of Iceland School of Energy at Reykjavik University.
Trisha Shrum, PhD Candidate, Harvard Kennedy School.
Zhu Liu, Post-Doctoral Research Fellow, Harvard Kennedy School.

15:00-15:15  NETWORKING COFFEE BREAK

15:15–15:45  REPORT SESSION 5
CHAIR: Embla Eir Oddsdóttir, Director, Icelandic Arctic Cooperation Network.

REPORT X: The EU in the Arctic – The Arctic in the EU
SPEAKER:
Paula Kankaanpää, Director, Arctic Centre of the University of Lapland, Finland.

REPORT XI: Conservation of Arctic Flora and Fauna (CAFF): Arctic Biodiversity Report
SPEAKER: Tom Barry, Executive Secretary, CAFF, the Arctic Council.
15:45–16:15  PLENARY SESSION
Location: Silfurberg, Second Level, Harpa

● ARCTIC RESEARCH – THE U.S. ARCTIC COUNCIL CHAIRMANSHIP
KEYNOTE SPEECH:
Fran Ulmer, Chair, US Arctic Research Commission and Special Advisor to the U.S. State Department on Arctic Science and Policy.

CHAIR: Ólafur Ragnar Grimsson, President of Iceland.

16:15-16:30  NETWORKING COFFEE BREAK
SUNDAY BREAKOUT SESSIONS

The Breakout Sessions are organized by the respective partners of the Arctic Circle, organizations, institutions, companies, think tanks, universities, or other bodies.

16:30-19:30 BREAKOUT SESSIONS

16:30-19:30 BREAKOUT SESSION No. 39: FUTURE SECURITY OF THE ARCTIC II: LOCAL AND REGIONAL SECURITY, (STATE) SOVEREIGNTY, NATIONAL AND REGIONAL SECURITY AND NEW SECURITY ACTORS

Location: Björtulóf, Fifth Level, Harpa

Organized by the Thematic Network on Geopolitics and Security and the Northern Research Forum

SPEAKERS:

Justin Massie, Professor, University of Québec, Montréal and Joel Plouffe, Researcher, National School of Public Administration (ENAP), Québec, Canada: Diplomatic Spillover? Assessing the impact of the Ukrainian crisis on Canada-Russian Relations.

Jessica Shadian, AIAS-Marie Curie COFUND Fellow, Århus University: Mukloks on the Ground: Community-based Monitoring and Regional Arctic Governance – shall the twain ever meet?

Gleb Yarovoy, Associate Professor, Petrozavodsk State University, Russia: Bottom-up Security. Paradiplomacy as the last chance for keeping in touch in the (European) Arctic.

Maria Ackrén, Associate Professor, Ilisimatusarfik, University of Greenland: Hearing Processes in Greenland Regarding the Mining Industry.

Heather Exner-Pirot, Strategist for Outreach and Indigenous Engagement, University of Saskatchewan, Canada: Linking the Local with the Global: Disconnects in Arctic Policymaking.

Rasmus Gjedssø Bertelsen, Barents Chair in Politics, University of Tromsø – the Arctic University of Norway / Aalborg University: Asia, New Stakeholders in North Atlantic Security?

Su Ping, Professor, Center for Polar Politics, Tongji University: China and Arctic Security.


Michal Luszczuk, Faculty Member, the Jan Kochanowski University, Poland: A Threat or an opportunity? Exploring the European and Canadian attitudes towards the globalized Arctic.

Lassi Heininen, Professor, University of Lapland, Finland: The Global Arctic as a Potential Ground for a Paradigm Shift of Arctic Security.

CHAIRS:

Lassi Heininen, Professor, University of Lapland.

Auður H Ingólfsdóttir, Assistant Professor at Bifröst University.
BREAKOUT SESSION No. 40: SCIENCE AND TECHNOLOGY OF DISAPPEARING ICE: CURRENT PRIORITIES AND COLLABORATION BETWEEN RESEARCHERS, FUNDERS AND BUSINESS COMMUNITIES
Location: Háalóft, Sixth Level, Harpa
Organized by the Icelandic Center for Research (RANNIS) and the International Arctic Science Committee (IASC)

SPEAKERS:
Jan Gunnar Winther, Director, Norwegian Polar Institute: Arctic Science: Challenges and Opportunities.
Michael Karcher, Researcher, Alfred Wegener Institute: The EU Framework programs and scientific cooperation in the Arctic.
Steingrímur Jónsson, Professor, University of Akureyri, Marine Research Institute: Challenges for oceanographic research in the Arctic.
Paul Holthus, CEO, World Ocean Council: Smart Ocean-Smart Industries: Arctic Data Collection by Ocean Industries.
Marianne Rögeberg, Head of Arctic Affairs, Nordforsk: Crossing borders – Nordic research cooperation in an Arctic context.
Hongqiao Hu, Head of Division, Polar Research Institute of China (PRIC): China-Iceland Joint Aurora Observatory (CIAO).

CHAIR:
Thorsteinn Gunnarsson, Head of Division, RANNIS.

16:30-18:00 BREAKOUT SESSION No. 41: CLIMATE CHANGE AND EQUALITY IN THE ARCTIC; Pecha Kucha Session
Location: Silfurberg B, Second Level, Harpa
Organized by the Centre for Arctic Policy Studies (CAPS), University of Iceland and Bifröst University

SPEAKERS:
Auður H Ingólfsdóttir, Assistant Professor at Bifröst University: Climate change and gender.
Kristinn H. Schram, Director of CAPS and Post-Doctoral Researcher, University of Iceland, and Katla Kjartansdóttir, Researcher, Institute of International Affairs: Gender identity in an accelerated Arctic.
Lilia Vinokurova, Lead Researcher, The Russian Academy of Sciences: Men’s loss of traditional status in the Arctic.
Anna Karlsdóttir: Associate Professor, University of Iceland: Gender and youth perspectives on impacts of climate change.
16:30-18:00  BREAKOUT SESSION No. 42: THE ARCTIC PLATE BOUNDARY, SOURCE OF LIFE, ENERGY AND ORE FORMING DEPOSITS
Location: Ríma A, First Level, Harpa
Organized by the University of Iceland

SPEAKERS:
Thorvaldur Thordarson, **Professor, University of Iceland**: The North Atlantic Igneous Province and the opening of the North Atlantic.
Bryndís Brændsdóttir, **Research Professor, University of Iceland**: Mapping the seafloor north of the Arctic Circle, volcanism and glaciations.
Steinunn Hilma Ólafsdóttir, **Specialist in Benthos, Marine Research Institute**: Interaction of Benthic fauna and the Seafloor.
Ármann Höskuldsson, **Research Professor, University of Iceland**: The Reykjanes Ridge, evolution of plate boundary.
Guðrún Helgadóttir, **Specialist in Marine Geology, Marine Research Institute**: Exploring the seafloor around Iceland - with multibeam echosounder.

CHAIR: Áslaug Geirsdóttir, **Professor, University of Iceland**.

16:30-18:00  BREAKOUT SESSION No. 43: ECOLOGY OF CLIMATE CHANGE
Location: Ríma B, First Level, Harpa
Organized by the Alaskan Command and Joint Task Force-Alaska

CHAIR: J. Jerome Montague, **Native Affairs and Natural Resources Advisor, Alaskan Command**.

16:30-18:00  BREAKOUT SESSION No. 44: UNMANNED AIRCRAFT SYSTEMS: RESEARCH, TECHNOLOGY, COMMERCE, AND EMERGENCY RESPONSE IN A CHANGING ARCTIC
Location: Kaldalón, First Level, Harpa
Organized by the University of Alaska Fairbanks

SPEAKERS:
Marty W. Rogers, **Director, Alaska Center for Unmanned Aircraft Systems Integration, University of Alaska Fairbanks**.
Sigurður Hrafnsson, **Director, UAS Iceland**.

CHAIR:
Michael Sfraga, **Vice Chancellor, University of Alaska Fairbanks**.
16:30-18:00 BREAKOUT SESSION No. 45: ARCTIC ROTARY CONNECTIONS: NORTH TO THE FUTURE
Location: Vísa, First Level, Harpa
Organized by Rotary International.

SPEAKERS:
Joseph Davis, Vice President, ConsultNorth; Anchorage Rotary Club.
Sandra Medearis, President, Arctic Consulting; Nome Rotary Club.
Reynir Adólfsson, Project Manager, Arsborealis, Project Borderlands.

CHAIR:
Joseph Davis, Vice President, ConsultNorth; Anchorage Rotary Club.

16:30-18:00 BREAKOUT SESSION No. 46: SUSTAINABLE DEVELOPMENT METRICS FOR THE ARCTIC
Location: Silfurberg A, Second Level, Harpa
Organized by SE2T International

SPEAKERS:
Shardul Agrawala, OECD, Head, Environment and Economy Integration Division, Environment Directorate, OECD.
Bruno Ferreyra, Executive Vice President, Industry & Facilities Business, Bureau Veritas.
Paula Kankaanpää, Director, Arctic Centre of the University of Lapland, Finland.
Irina Tchoumatchenko, President, NR Europe.
Sergio C. Trindade, President, SE2T International.
Alexander Shestakov, Director, Global Arctic Programme, World Wildlife Fund.

16:30-18:00 BREAKOUT SESSION No. 47: IMPLICATIONS OF A SEASONALLY ICE-FREE ARCTIC OCEAN
Location: Stemma, First Level, Harpa
Organized by the University of Iceland, Institute of Earth Sciences

SPEAKERS:
Peter Wadhams, University of Cambridge, Department of Applied Mathematics and Theoretical Physics.
Commander Blake McBride, Associate Director, Office of Naval Research.

PANEL:
Ruibo Lei, Polar Research Institute of China.
Héðinn Valdimarsson, Marine Research Institute.
Anna Karlsdóttir, University of Iceland, Life and Environmental Sciences.
Jörundur Svanarsson, University of Iceland, Life and Environmental Sciences.
Þórar Jakobsson, University of Iceland.

CHAIR:
Ingibjörg Jónsdóttir, University of Iceland, Institute of Earth Sciences.