



2014 ASSEMBLY PROGRAM New Version

**All speakers and panelists confirmed.
* Marked are invited.
Timing of some sessions might change.**

THURSDAY, OCTOBER 30

13:00–18:00 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 NETWORKING BREAKFAST AT HOTELS

07:30–17:00 REGISTRATION
Location: Harpa

08:00–08:30 COFFEE 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.*

José Ángel Gurría, *Secretary General of OECD.*

Sam Tan Chin Siong, *Minister of State, Singapore.*

● **OPENING SESSION III**

Yevgeny Lukyanov, *Deputy Secretary of the Security Council of the Russian Federation.*

● **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.*

*Leona Aglukkaq, *Minister of the Environment, Canada & Chair of the Arctic Council.*

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 at 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*

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.*

MODERATOR:

Hannu Halinen, *Ambassador of Arctic Affairs, Ministry of Foreign Affairs of Finland.*

13:45–15:15 PLENARY SESSION

Location: Silfurberg, Second Level, Harpa

● **COUNTRY SESSION: BRITAIN IN THE ARCTIC**

OPENING:

Philip Hammond, *Foreign Secretary, United Kingdom.*

SPEAKERS:

Mark Prisk, *HMG's Investment Envoy to Baltic and Nordic Nations, MP.*

Jane Francis, *Professor & Director, British Antarctic Survey.*

Terry Callaghan, *Professor, Sheffield University, Joint Nobel Prize Winner (IPCC).*

Jeffrey Mazo, *Senior Fellow, International Institute for Strategic Studies.*

Christian le Mière, *Senior Fellow, International Institute for Strategic Studies.*

Michael Macrander, *Alaska Science Team Lead, Shell.*

CHAIRS:

James Gray, *All Party Parliamentary Group for the Arctic, MP, 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:

Unnur Brá Konráðsdóttir, *Vice-Chair of the West Nordic Council and MP, Iceland.*

PANEL DISCUSSION:

Einar K. Guðfinnsson, *President of the Parliament, Iceland.*

Josef Motzfeldt, *President of the Parliament, Greenland, 2009-2013.*

Jógvan á Lakjuni, *President of the Parliament, Faroe Islands.*

CHAIR: Bill Justinussen, *Chair of the West Nordic Council and MP, Faroe Islands.*

16:15-16:45 REPORT SESSION 1

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

SESSION 1A: MAINE: U.S. PARTNER IN ARCTIC DEVELOPMENT 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:

Pierre Arcand, *Minister of Energy and Natural Resources and Minister responsible for the Plan Nord, Québec.*

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.*

*Thomas Becker, *CEO of the European Wind Energy Association.*

SESSION 1C: ARCTIC OPPORTUNITIES WITHIN THE CHINA-ICELAND FREE TRADE AGREEMENT.

Organized by Arctic Services

SPEAKERS:

Þórður Hilmarsson, *Invest in Iceland.*

Þorvaldur Lúðvík Sigurjónsson, *Eyjafjörður Business Development Agency.*

17:00-20:00 BREAKOUT SESSION No. 2: BRITAIN AND THE ARCTIC

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.*

Mark Prisk, *MP, PM's Investment Envoy to Baltic and Nordic Nations.*

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: Greenland's Rights of Passage: Mining, indigenous rights and labour market development.*

Corinne Wood-Donnelly, *Ph.D, Brunel University: Constructing Arctic Sovereignty: Rules, Policy & Governance 1494-2013.*

Johann Bruun, *Durham University: Techno-politics and the production of an Arctic territory - cases from Cold War Greenland.*

ii. Arctic Science

Anni Makela, *Research PG, Oceanlab, Aberdeen University: The diversity and function of Arctic benthic ecosystems and their resilience to climate change.*

iii. Arctic Business

Andrew Foxall, *Director, Russia Studies Centre, The Henry Jackson Society.*

Michael Kingston, *Associate Partner, DWF Fishburns LLP.*

Ed Hawkins, *Principal Research Fellow, National Centre for Atmospheric Science, Reading University: Arctic Sea Routes.*

Nathanael Melia, *Ph.D Student, Reading University: The opening of Arctic shipping routes, focussing on the next 20-30 years.*

Martyn Millwood Hargrave, *CEO, IKON Science: Geoprediction*

Peter Aslett, *Ion Concept Systems: Narwhal Ice management - Concept Systems and its background in relation to Arctic operations and requirements.*

Tom Boardley, *Lloyd's of London: Lloyd's' involvement in Arctic and Antarctic operations.*

CHAIR:

James Gray, *All Party Parliamentary Group for the Arctic, MP, United Kingdom.*

17:00-20:00 BREAKOUT SESSION No. 3: THE WORLD ECONOMIC FORUM'S GLOBAL AGENDA ON THE ARCTIC

Organized by the World Economic Forum

SPEAKERS:

Lawson Brigham, *Distinguished Professor, University of Alaska Fairbanks.*

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

Mead Treadwell, *Lieutenant Governor of Alaska.*

Felix Tschudi, *Chairman, the Centre for High North Logistics.*

Jan-Gunnar Winther, *Director, Norwegian Polar Institute.*

Theodore Roosevelt IV, *Managing Director & Chairman of Barclays Cleantech Initiative.*

*Kumi Naidoo, *International Executive Director, Greenpeace.*

CHAIR:

Laurence C. Smith, *Professor, University of California, Los Angeles.*

17:00-20:00 BREAKOUT SESSION No. 4: AT THE EDGE: THE FUTURE OF ARCTIC COASTLINES

Organized by the Arctic NGO Forum

17:00-19:00 BREAKOUT SESSION No. 5: ARCTIC IDENTITIES: FINDING BELONGING AND ASSERTING DIFFERENCE IN THE CIRCUMPOLAR NORTH

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.*

Ingrid Medby, *Doctoral Candidate, Department of Geography, Durham University.*

Marianne Rasmussen, *Director, The University of Iceland's Research Center in Húsavík.*

CHAIRS:

Philip Steinberg, *Professor of Political Geography, Durham University.*

Roger Norum, *Postdoctoral Research Fellow, School of English, The University of Leeds.*

17:00-18:30 BREAKOUT SESSION No. 6: U.S. ARCTIC RESEARCH COMMISSION: RESPONDING TO OIL SPILLS IN THE U.S. ARCTIC MARINE ENVIRONMENT.

Organized by the U.S. Arctic Research Commission

SPEAKER:

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

CHAIR:

17:00-18:30

John Farrell, *Executive Director, U.S. Arctic Research Commission.*

BREAKOUT SESSION No. 7: ARCTIC SECURITY: MILITARY STRATEGIES AND DEFENCE POLICIES IN, AND IMPACTS OF RECENT CRISES ON, SECURITY OF THE ARCTIC

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

SPEAKERS:

Alexander Sergunin, *Professor, St. Petersburg State University, Russia:* Russian Military Strategies in the Arctic – Looking for New Priorities?

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.

Valery Konyshov, *Professor, St. Petersburg State University, Russia:* U.S. Military Strategies in the High North: In Search of a New ‘Identity’?

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.

Frédéric Lasserre, *Professor, Université Laval* and Stéphane Roussel, *ENAP:* “Postal Code H0H 0H0” Is the North Pole (still) Canadian? And why is it important?

CHAIR:

Lassi Heininen, *Professor, University of Lapland.*

17:00-18:30

BREAKOUT SESSION No. 8: POLAR LAW: ARCTIC SEABED RESOURCES

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. 9: MAINSTREAMING ARCTIC SUSTAINABILITY

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).*

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

17:00-18:30 BREAKOUT SESSION No. 10: ICE NAVIGATOR TRAINING AND EXPERIENCE: THE NAUTICAL INSTITUTE'S WAY AHEAD

Organized by Martech Polar Consulting

SPEAKERS :

Captain David Snider, *Senior Vice President, The Nautical Institute.*

Captain Victor Gronmyr, *Ice Navigator Working Group, The Nautical Institute.*

17:00-18:30 BREAKOUT SESSION No. 11: YOUTH IN THE ARCTIC

Organized by Youth Arctic Coalition, Barents Regional Youth Council, The Atlantic Council, Arctic Climate Change Emerging Leaders (ACCEL), Ecologic Institute and Reykjavík University.

TABLE LEADERS:

Samuel Perkin, *PhD student at 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. 12: SUSTAINABLE DEVELOPMENT IN THE ARCTIC FROM THE INDIGENOUS PERSPECTIVE

Organized by Nuori Karjala (Young Karelia) in cooperation with the Russian Association of Indigenous Peoples of the North (RAIPON) and United Nations Experts on the Rights of Indigenous Peoples

SPEAKERS:

Alexey Tsykarev, *Vice-Chair of the United Nations Expert Mechanism on the Rights of Indigenous Peoples.*

Grigory Ledkov, *Deputy of the State Duma, President of the Russian Association of Indigenous Peoples of the North (RAIPON).*

*Tuomas Aslak Juuso, *Co-Chair, Global Indigenous Youth Caucus.*

*Pirogova Maija, *Young Indigenous Leader, Russian Federation.*

17:00-18:30 BREAKOUT SESSION No. 13: ARCTIC SCIENCE IN GLOBALIZATION: BEYOND THE INTERNATIONAL POLAR YEAR 2007-2008

Organized by Northern Research Forum

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.*

Halldor Johannsson, *Arctic Portal, Iceland .*

Gleb Yarovoy, *Professor, Petrozavodsk State University.*

MODERATOR: Lassi Heininen, *Professor, University of Lapland.*

18:00-20:00 BREAKOUT SESSION No. 14: WHAT IS THE FUTURE OF THE ARCTIC?

Organized by Arctic Futures (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.

CHAIR:

Guy Yeomans, *Founder, Arctic Futures.*

John Sweeney, *Deputy Director, Center for Postnormal Policy and Futures Studies, East-West University.*

18:30-20:00 BREAKOUT SESSION No. 15: U.S. ARCTIC RESEARCH COMMISSION: THE ARCTIC ANTHROPOCENE: EMERGING RESEARCH QUESTIONS.

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. 16: POLAR LAW: ARCTIC SHIPPING

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 Þór Hreinsson, *Project 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 Giðdesen Thystrup, *Ph.D Fellow, University of Copenhagen Faculty of Law.*

18:30-20:00 BREAKOUT SESSION No. 17: THE ARCTIC DATA INTERFACE: A CENTRAL INFORMATION AND DATA SQUARE FOR THE ARCTIC

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.

Lawrence Histop, *Senior Project Manager, Polar and Cryosphere Division, GRID – Arendal*: 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*.

Vladimir Vasiliev, *Executive Director, Northern Forum*.

18:30-20:00 BREAKOUT SESSION No. 18: FUTURE SECURITY OF THE ARCTIC: ENVIRONMENTAL / HUMAN SECURITY, ENERGY SECURITY, MARITIME SAFETY, AND INTERNATIONAL TREATIES

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

SPEAKERS:

Jussi Huotari, *Ph.D Candidate*, and Hanna Lempien, *University of Lapland, Finland*: Energy Securities – Perspectives From and to the Arctic Energyscape.

Audur H. Ingólfssdóttir, *Assistant Professor, Bifröst University, Iceland*: Climate Change and Offshore Oil and Gas Drilling in the Arctic: Tensions between Environmental and Economic Security.

Malte Humpert, *Founder and Executive Director, The Arctic Institute*: The Future of Arctic Shipping: A New Silk Road for China?

Suzanne Lalonde, *Professor, University of Montreal*: Role of International Law in Fostering Environmental Security in Arctic Waters.

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

CHAIR: Lassi Heininen, *Professor, University of Lapland*.

18:30-20:00 BREAKOUT SESSION No. 19: ARCTIC COUNCIL TRANSITIONS: LESSONS AND PRIORITIES FOR A U.S. CHAIRMANSHIP, 2015-2017

Organized by Alaska Dispatch News

SPEAKERS:

Mr. James Collins, *former U.S. Ambassador, Diplomat in Residence and Senior Associate, Russia and Eurasia Program, Carnegie Endowment for International Peace.*

Dr. Mike Sfraga, *Vice Chancellor, University of Alaska Fairbanks and Co-Director, University of the Arctic Institute for Arctic Policy.*

Dr. 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.*

Mr. Ken Yalowitz, *former U.S. Ambassador, Global Fellow, Kennan Institute, Woodrow Wilson Center.*

CHAIR: Alice Rogoff, *Publisher, Alaska Dispatch News.*

18:30-20:00 BREAKOUT SESSION No. 20: NORTH MEETS EAST AT THE ARCTIC CIRCLE: CHINA – NORDIC ARCTIC COOPERATION

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, the China-Nordic Arctic Research Center.*

Egill Þór Nielsson, *Executive Secretary, the China-Nordic Arctic Research Center.*

Yang Jian, *Vice President, Shanghai Institutes for International Studies (SIIS).*

Thorsteinn Gunnarsson, *Head of Division, Research and Innovation, RANNIS.*

Leiv Lunde, *Director, Fridtjof Nansen Institute.*

Embla Eir Oddsdottir, *Director, Icelandic Arctic Cooperation Network.*

Hongqiao Hu, *Head of Division, Polar Research Institute of China (PRIC).*

Li Yuansheng, *Deputy Director, Polar Research Institute of China (PRIC).*

CHAIR: Hallgrímur Jónasson, *General Director, RANNIS.*

BREAKOUT SESSION No. 21: OCEANA: ICELANDIC CENTER OF EXCELLENCE FISHING

Organized by Landsbankinn

SPEAKERS:

Jón Ágúst Þorsteinsson, *Chairman, Marorka.*

18:30-20:30 BREAKOUT SESSION No. 22: HIGH NORTH ENGINEERING AND PLANNING PROJECTS

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 Elíasson, *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*.

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

SATURDAY, NOVEMBER 1 – PLENARY SESSIONS

06:30–08:15 NETWORKING BREAKFAST AT HOTELS

07:30–17:00 REGISTRATION

Location: Harpa

08:00–08:30 COFFEE SOCIAL

Location: Second Level, Harpa

08:30–9:15 PLENARY SESSION

Location: Silfurberg, Second Level, Harpa

● **QUÉBEC IN THE ARCTIC**

KEYNOTE SPEECH:

Philippe Couillard, *Premier of Québec*.

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

09:15–10:00 PLENARY SESSION

● **ARCTIC LANDMARKS**

CHAIR: Össur Skarphéðinsson, *MP, Foreign Minister of Iceland (2009-2013)*.

SESSION I: SVALBARD

SPEAKER:

Christin Kristoffersen, *Mayor of Longyearbyen, Svalbard*.

SESSION II: THE SAKHA REPUBLIC

SPEAKER:

Egor Borisov, *Head of the Sakha Republic*.

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)*.

Q&A will include H.E. Mitsuko Shino, Ambassador Extraordinary and Plenipotentiary of Japan to Iceland.

CHAIR: Kuupik Kleist, *Prime Minister of Greenland (2009-2013)*.

11:00-12:15 PLENARY SESSION

Location: Silfurberg, Second Level, Harpa

● **THE ARCTIC OCEAN – FISHERIES**

KEYNOTE SPEECH:

Árni Mathiesen, *Assistant Director-General and Head of the Fisheries and Aquaculture Department at FAO*.

SPEAKERS:

Michael Jones, *Chief Technology Advocate, Google*.

Sylvia Earle, *Oceanographer, Explorer-in-Residence, National Geographic*.

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, *Executive Director, 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**

KEYNOTE SPEECH:

Michel Rocard, *former Prime Minister of France.*

SPEAKERS:

Representatives of the Delegation organized by the Foreign Ministry of France.

14:00-14:15 NETWORKING COFFEE BREAK

14:15-15:30 PLENARY SESSION

Location: Silfurberg, Second Level, Harpa

● **BUSINESS ACROSS THE ARCTIC**

INVESTMENT. INFRASTRUCTURE. TRADE. SHIPPING.

SPEAKERS:

Bjarni Benediktsson, *Minister of Finance, Iceland.*

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

Ye Weilong, *Vice President, China Ocean Shipping Company (COSCO).*

Mead Treadwell, *Lieutenant Governor of Alaska.*

Anthony Hodge, *President, International Council on Mining and Metals.*

Ohyig Kwon, *Vice President, Daewoo Shipbuilding & Marine Engineering Co., Ltd.*

CHAIR: Scott Borgerson, *Managing Director, CargoMetrics.*

15:30–16:15 REPORT SESSION 2

REPORT IV: The Arctic Policy Master Plan of the Republic of Korea

SPEAKER: Jai-Chul Choi, *Ambassador for Climate Change, Republic of Korea.*

REPORT V: THE EU IN THE ARCTIC – THE ARCTIC IN THE EU

SPEAKER:

Paula Kankaanpää, *Director, Arctic Centre of the University of Lapland, Finland.*

REPORT VI: Geopolitics in the High North

SPEAKER: Kristine Offerdal, *Acting Director, Norwegian Institute for Defence Studies.*

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.

16:15-19:15 BREAKOUT SESSIONS

16:15-19:15 BREAKOUT SESSION No. 1: BUSINESS ACROSS THE ARCTIC

SESSION 1D: INFRASTRUCTURE

SPEAKERS :

Árni Jón Elíasson, *Specialist, Landsnet*: Influence of harsh weather conditions in Arctic areas on manmade structures such as transmission lines.

Nils Arne Johnson, *Arctic Director, Ramboll*.

Frank Jacobsen, *Director, LNS Spitsbergen*.

Jón Haukur Steingrímsson, *Head of Geotechnical Engineering, EFLA Consulting Engineers*: Experience in developing transmission lines in permafrost areas such as Greenland.

Jón Vilhjálmsson, *Director Energy, EFLA Consulting Engineers*: Development of transmission system in sparsely populated area and operation in harsh weather conditions, an Icelandic example.

SESSION 1E: MINING AND ARCTIC DEVELOPMENT: ACHIEVING SHARED DECISION-MAKING AND SHARED-VALUE

Organized by the International Council on Mining and Metals (ICMM)

SPEAKERS:

Don Lindsay, *CEO of Teck*.

Anthony Hodge, *President, ICMM*.

Janos Pasztor, *Acting Executive Director, Conservation International at WWF International*.

CHAIR: Ross Hamilton, *Director, Environment and Climate Change, ICMM*.

SESSION 1F: 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.

Dermot Loughnane, *CEO of Tactical Marine Solutions Ltd*: Myths and Realities of the Northwest Passage.

16:15-19:15 BREAKOUT SESSION No. 23: ARCTIC TRANSFORMATIONS TO SUSTAINABILITY

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.*

16:15-19:15 BREAKOUT SESSION No. 24: SCIENCE AND TECHNOLOGY OF DISAPPEARING ICE: INSTITUTIONAL SCIENTIFIC COOPERATION

Organized by the Icelandic Centre for Research (RANNIS) and the International Arctic Science Committee (IASC)

SPEAKERS:

Michael Karcher, *Researcher, Alfred Wegener Institute.*

Tero Vauraste, *CEO, Arctia Shipping, Finland.*

Elena Kudryashova, *President, Northern Arctic Federal University, Arkhangelsk, Russia.*

Erica Key, *Program Director, Division of Polar Programs, National Science Foundation.*

Eyjólfur Guðmundsson, *Rector, University of Akureyri, Iceland.*

*Paul Holthus, *Executive Director, World Ocean Council.*

CHAIR:

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

16:15-19:00 BREAKOUT SESSION No. 25: LOCAL AND REGIONAL SECURITY, (STATE) SOVEREIGNTY, NATIONAL AND REGIONAL SECURITY AND NEW SECURITY ACTORS

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

SPEAKERS:

Zhang Pei, *Deputy Director, Shanghai Institute for International Studies*: The Evolving Concept of Security and Security in the 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.

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

Jessica Shadian, *Associated Researcher, Arctic Centre, University of Lapland*: 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.

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

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

CHAIR: Lassi Heininen, *Professor, University of Lapland*.

16:15-18:15 BREAKOUT SESSION No. 26: QUÉBEC PLAN NORD – SUSTAINABLE PARTNERSHIP, DEVELOPMENT AND INNOVATION

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*.

Jobie Tukkiapik, *President of Makivik Corporation*.

Patrick Godin, *Chief Operating Officer and Vice-President of Stornoway Diamond Corporation*.

Sophie D'Amours, *Vice-Rector Research and Innovation, Université Laval*.

MODERATOR:

Maryse Lassonde, *Scientific Director, "Fonds de recherche du Québec – Nature et technologies" (Québec Research Fund – Nature and Technologies)*.

CHAIR:

Pierre Arcand, *Minister of Energy and Natural Resources and Minister responsible for the Plan Nord, Québec*.

16:15-18:15 BREAKOUT SESSION No. 27: REGIONAL COOPERATION OF THE WORLD'S NORTHERN REGIONS

Organized by The Northern Forum and Arctic Portal

SPEAKERS:

Mr. 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.*

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

Halldór Jóhannsson, *CEO, Arctic Portal, Iceland.*

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

CHAIR:

Vladimir Vasiliev, *Executive Director, Northern Forum.*

Halldór Jóhannsson, *Director, Arctic Portal.*

16:15-18:15 BREAKOUT SESSION No. 28: FILM SCREENING – PEOPLE OF A FEATHER

Organized by The Arctic Eider Society

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

CHAIR:

Joel Heath, *Executive Director, Arctic Eider Society, 2014-2015 Fulbright Scholar, Visiting Chair in Arctic Studies.*

16:15-17:45 BREAKOUT SESSION No. 29: THE ECONOMICS OF ECOSYSTEMS AND BIODIVERSITY TEEB – VALUING THE INVALUABLE ARCTIC

Organized by World Wildlife Fund (WWF Arctic) and the Conservation of Arctic Flora and Fauna International Secretariat (CAFF)

SPEAKERS:

Tom Barry, *Executive Secretary, CAFF.*

More speakers to be announced.

CHAIR:

Alexander Shestakov, *Director, WWF Global Arctic Programme.*

16:15-17:45 BREAKOUT SESSION No. 30: HEALTH AND WELL-BEING IN THE ARCTIC
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.
Sigríður Sía Jónsdóttir, *Assistant Professor, University of Akureyri*.

Elín Ebba Ásmundsdóttir, *Associate Professor, University of Akureyri*: How to empower users in the mental health field.

Kristín Þórarinsdóttir, *Lecturer, University of Akureyri*: Can person-centered self-assessment on health contribute to health promotion in the Arctic.

16:15-17:45 BREAKOUT SESSION No. 31: FISHERIES EDUCATION IN COLD WATER
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*.

Reid Hole, *Dean, Faculty of Biosciences and Aquaculture, University of Nordland, Bodø*.

CHAIR:

Ögmundur Knútsson, *Dean of School of Business and Science, University of Akureyri*.

16:15-17:45 BREAKOUT SESSION No. 32: ARCTIC METHANE
Organized by University of Alaska Fairbanks

SPEAKERS:

Ray Boswell, *Technology Manager for Natural Gas Technologies, NETL, U.S. Department of Energy*.

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*.

16:15-17:45 BREAKOUT SESSION No. 33: INCREASING KNOWLEDGE OF THE ARCTIC: INTERNATIONAL SCIENTIFIC COLLABORATION AND EXCHANGE OPPORTUNITIES

Organized by the Fulbright Program

SPEAKERS:

Lars Kullerud, *President, University of the Arctic.*

Belinda Theriault, *Executive Director, The Fulbright Commission Iceland.*

Øyvind Paasche, *Director, Bergen Marine Research Cluster, University of Bergen, Norway.*

CHAIR:

Petter Næss, *Executive Director, U.S. – Norway Fulbright Foundation.*

17:15-19:15 BREAKOUT SESSION No. 34: ARCTIC COMMERCIAL OPPORTUNITIES AND CORPORATE SOCIAL RESPONSIBILITY

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.

17:45-19:15 BREAKOUT SESSION No. 35: POLAR LAW: ARCTIC GOVERNANCE

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.

CHAIR:

Guðrún Rósa Þórsteinsdóttir, *Director of Northern Research Forum*

17:45-19:15 BREAKOUT SESSION No. 36: GEOPOLITICS AND SECURITY IN THE ARCTIC. REGIONAL DYNAMICS IN A GLOBAL WORLD”

Organized by the Norwegian Institute for Defence Studies.

SPEAKERS:

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?

Rolf Tamnes, *Professor, Norwegian Institute for Defence Studies:* Geopolitics and security in the Arctic – what will the future bring?

17:45-19:15 BREAKOUT SESSION No. 37: BRAINSTORMING SESSION ON MANAGING OIL AND GAS RESOURCES WITH LEADERS IN ENERGY, THE ENVIRONMENT AND THE ARCTIC

Organized by Stony Brook University.

SPEAKERS:

Terry Audla, *National Inuit Leader and President of Inuit Tapiriit Kanatami.*

Okalik Egegsiak, Chair, Inuit Circumpolar Council.

David Hik, *Biologist, Professor, University of Alberta and Chair, International Conference on Arctic Research Planning III.*

Bill Moomaw, *Professor of International Environmental Policy, Tufts.*

Alexander Shestakov, *Director, WWF Global Arctic Programme.*

CHAIR:

Kathleen Araújo, *Assistant Professor, Stony Brook University and Research Affiliate, Harvard Kennedy School and MIT.*

18:15-19:00 BREAKOUT SESSION No. 38: EVALUATION OF SHIPPING REQUIREMENTS FOR NEW RESOURCE DEVELOPMENTS

Organized by Tactical Marine Solutions, Ltd.

SPEAKER: Dermot Loughnane, *CEO of Tactical Marine Solutions Ltd.*

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

SUNDAY, NOVEMBER 2 – PLENARY SESSIONS

06:30–08:15 NETWORKING BREAKFAST AT HOTELS

07:30–17:00 REGISTRATION

Location: Harpa

08:00–08:30 COFFEE SOCIAL

Location: Second Level, Harpa

08:30–10:00 PLENARY SESSION

Location: Silfurberg, Second Level, Harpa

● **ARCTIC SECURITY**

SPEAKERS:

Elissa Slotkin, *Principal Deputy Assistant Secretary of Defense for International Security Affairs, U.S. Department of Defense.*

Bård Glad Pedersen, *State Secretary, Ministry of Foreign Affairs, Norway.*

● **COAST GUARDS: SEARCH & RESCUE**

SPEAKERS:

Georg Kr. Lárusson, *General Director of the Icelandic Coast Guard.*

Maj. Gen. Stig Østergaard Nielsen, *Commander of the Danish Joint Arctic Command in Nuuk, Greenland.*

Richard Button, *Chief of the Search and Rescue Coordination Division, U.S. Coast Guard.*

Commander Blake McBride, *Associate Director, Office of Naval Research.*

10:00-11:30 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: Andrew Zolli, *Strategic Advisor, Planet Labs.*

11:30-12:15 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.*

Alexey Tsykarev, *Member of the United Nations Expert Mechanism on the Rights of Indigenous Peoples, Office of the United Nations High Commissioner for Human Rights.*

12:15–13:00 REPORT SESSION 3

REPORT VII: ENHANCING THE US CHAIRMANSHIP OF THE ARCTIC COUNCIL: FULBRIGHT'S COMMITMENT TO THE ARCTIC 2015-2017

SPEAKER:

Alice Rogoff, *Publisher, Alaska Dispatch.*

REPORT VIII: CHINA-NORDIC ARCTIC COOPERATION

REPORT IX: CONSERVATION OF ARCTIC FLORA AND FAUNA (CAFF): ARCTIC BIODIVERSITY REPORT

SPEAKER: Tom Barry, *Executive Secretary, CAFF, The Arctic Council.*

13:00–13:45 NETWORKING LUNCH

Location: Harpa

13:45-15:30 PLENARY SESSION

● **ARCTIC ENERGY**

SESSION I: OIL AND GAS EXPLORATION

SPEAKERS:

Kaj Leo Holm, *Prime Minister, Faroe Islands.*

Li Fanrong, *CEO of CNOOC Limited.*

Hans Kristian Olsen, *CEO of Nunaoil, Greenland.*

Anatoly Zolotukhin, *Research Director, Institute of Arctic Petroleum Technology.*

*Chuck Guderjahn, *Head of Function, Exploration, BP.*

BROOKINGS REPORT ON OFFSHORE OIL AND GAS GOVERNANCE IN THE ARCTIC

SPEAKER:

Charles Ebinger, *Director, Energy Security Initiative, Brookings Institution.*

SESSION II: RISING STARS IN RENEWABLE ENERGY:

SPEAKERS:

Dr. William Moomow, *Professor 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 Researcher, Landsnetá PhD Candidate, Iceland School of Energy at Reykjavík University.*

Halla Hrund Logadóttir, *Director of Iceland School of Energy at Reykjavík University.*

Trisha Shrum, *PhD Candidate, Harvard Kennedy School.*

Zhu Liu, *Post-Doctoral Research Fellow, Harvard Kennedy School.*

15:30-15:45 NETWORKING COFFEE BREAK

15:45–16:45 PLENARY SESSION

Location: Silfurberg, Second Level, Harpa

● ARCTIC SCIENCE AND RESEARCH – THE U.S. CHAIRMANSHIP OF THE ARCTIC COUNCIL

PRESENTATION FROM THE U.S ARCTIC RESEARCH COMMISSION - EMERGING ISSUES IN ARCTIC RESEARCH:

KEYNOTE SPEECH:

Fran Ulmer, *Chair, US Arctic Research Commission and Special Advisor to the U.S. State Department on Arctic Science and Policy.*

SPEAKERS:

Cheryl Rosa, *Deputy Director, United States Arctic Research Commission:*

Mike Sfraga, *Co-Director, University of the Arctic Institute for Arctic Policy, Vice Chancellor, University of Alaska Fairbanks.*

*Niels Einarsson, *Director of the Stefansson Arctic Institute, Iceland.*

*Igor Semiletov, *Research Professor, University of Alaska Fairbanks.*

*Erica Key, *Program Director, National Science Foundation.*

16:45-17:00 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.

17:00-20:00 BREAKOUT SESSIONS

17:00-20:00 BREAKOUT SESSION No. 1: BUSINESS ACROSS THE ARCTIC

SESSION 1G: DECISION MODEL TO BENEFIT BUSINESS AND GOVERNMENT

Organized by Reykjavik University

SESSION 1H: ITALIAN BUSINESS IN THE ARCTIC

17:00-19:30 BREAKOUT SESSION No. 39: ARCTIC SECURITY: THE NEXUS OF RESOURCE EXTRACTION, THE GLOBAL ECONOMY, NATIONAL INTERESTS, AND GLOBAL GOVERNANCE – AN ARCTIC (SECURITY) PARADOX.

Organized by the University of Lapland

SPEAKERS:

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

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

Bertel Heurlin, *Jean Monnet Professor, University of Copenhagen, Denmark*: Comparing and Explaining the Role of the United States and China in the Territorial Disputed Sub Regions of the South China Sea and the Arctic.

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

Gustav Petursson, *Ph.D candidate, University of Lapland*: Icelandic Security and Defence Policy in the 21st Century: towards a Nordic security community.

Lassi Heininen, *Professor, University of Lapland, Finland*: The Global Arctic as a Potential Ground or ‘Workshop’ for to Recognize and Analyze Relevant Changes in problem Definition of Security Paradigms.

CHAIR: Lassi Heininen, *Professor, University of Lapland*.

17:00-19:00 BREAKOUT SESSION No. 40: SCIENCE AND TECHNOLOGY OF DISAPPEARING ICE: CURRENT PRIORITIES AND COLLABORATION BETWEEN RESEARCHERS, FUNDERS AND BUSINESS COMMUNITIES

Organized by the Icelandic Center for Research (RANNIS) and the International Arctic Science Committee (IASC)

SPEAKERS:

Jan Gunnar Winther, *Director, Norwegian Polar Institute*.

Hongqiao Hu, *Head of Division, Polar Research Institute of China (PRIC)*.

Jean-Claude Gascard, *Director of Research Emeritus, Université Pierre et Marie Curie*.

Marianne Rögeberg, *Head of Arctic Affairs, Nordforsk*.

*Bob Gannicott, *CEO, Dominion Diamonds and Board Member, Canadian Polar Commission*.

CHAIR:

Thorsteinn Gunnarsson, *Head of Division, RANNIS, and Council Member, IASC*.

17:00-19:00 BREAKOUT SESSION No. 41: LIVING CONDITIONS AND THE USE OF HEALTHCARE IN THE ARCTIC

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: Effectiveness of Telehealth in Behavioral Consultation with Rural Families in Iceland.

Porbjörg Jónsdóttir, *Assistant Professor, University of Akureyri*: Chronic pain and health care utilization.

Árún K. Sigurðardóttir, *Professor, Dean of School of Health Sciences, University of Akureyri*: Diabetes in the Arctic.

17:00-18:30 BREAKOUT SESSION No. 42: CLIMATE CHANGE AND EQUALITY IN THE ARCTIC; PECHA KUCHA SESSION

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

SPEAKERS:

Auður H Ingólfssdóttir, *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.

Ásdís Jónsdóttir, *Senior Advisor, Icelandic Ministry of Education, Science and Culture, PhD candidate at the University of Oslo*.

Unnur Dís Skaptadóttir, *Professor, University of Iceland*: Mobility and migration to and from areas dependent on ocean resources.

Gísli Pálsson, *Professor, University of Iceland*: Housekeeping in the anthropocene.

17:00-18:30 BREAKOUT SESSION No. 43: IMPACT OF GLOBAL WARMING ON GLACIERS, GLACIAL RIVERS AND THEIR BIOTA

Organized by the University of Iceland

17:00-18:30 BREAKOUT SESSION No. 44: THE ARCTIC PLATE BOUNDARY, SOURCE OF LIFE, ENERGY AND ORE FORMING DEPOSITS

Organized by the University of Iceland

17:00-18:30 BREAKOUT SESSION No. 45: ECOLOGY OF CLIMATE CHANGE

Organized by the Alaskan Command and Joint Task Force-Alaska

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

17:00-18:30 BREAKOUT SESSION No. 46: UNMANNED AIRCRAFT SYSTEMS: RESEARCH, TECHNOLOGY, COMMERCE, AND EMERGENCY RESPONSE IN A CHANGING ARCTIC

Organized by the University of Alaska Fairbanks

SPEAKERS:

Marty W. Rogers, *Director, Alaska Center for Unmanned Aircraft Systems Integration, University of Alaska Fairbanks.*

Sigurdur Hrafnsson, *Director, UAS Iceland.*

CHAIR:

Dr. Mike Sfraga, *Vice Chancellor, University of Alaska Fairbanks.*

17:00-18:30 BREAKOUT SESSION No. 47: FULL UTILIZATION OF THE FISH OPPORTUNITIES IN THE ARCTIC REGION

Organized by the Iceland Ocean Cluster and the North Atlantic Ocean Cluster Alliance

SPEAKERS:

Thor Sigfusson, *CEO Iceland Ocean Cluster: Full utilization of the whitefish – strategy and possibilities.*

Páll Gíslason, *CEO Ocean Excellence: Technology solutions for utilizing rest raw material and new ideas regarding shells.*

Erla Ósk Pétursdóttir, *CEO Codland: How much of fish is wasted in the North Atlantic?*

Haukur Már Gestsson, *Economist, Iceland Ocean Cluster: Fisheries with 100% utilization strategy.*

PANEL DISCUSSION:

Niels Winther, *Advisor, Vinnuhúsið.*

Tonnes "Kaka" Berthelsen, *Deputy Manager, KNAPK.*

Petrus Billmann, *Managing Director, KNAPK.*

Dana Eidsness, *Director, Maine North Atlantic Development Office, Maine International Trade Center.*

Stal Heggelund, *Managing Director, NCE Aquaculture.*

Barry Snow, *Executive Director, Oceans Advance.*

Henriette Dybkær, *Project Manager, Maritime Development Center of Europe.*

CHAIR: Thor Sigfusson, *CEO Iceland Ocean Cluster.*

17:00-18:30 BREAKOUT SESSION No. 48: ARCTIC ROTARY CONNECTIONS: NORTH TO THE FUTURE

Organized by Rotary International.

17:00-18:30 BREAKOUT SESSION No. 49: SUSTAINABLE DEVELOPMENT METRICS FOR THE ARCTIC

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.*