

# The University of Iceland at the Arctic Circle

**Wednesday, October 13, PRE-EVENT:**

**13:00-17:00 CARBON DIOXIDE CAPTURE AND REMOVAL FROM AIR AND INDUSTRIAL & ENERGY PRODUCTION FACILITIES**

Organized by: School of Engineering and Natural Sciences, Engineering Research Institute, University of Iceland

**Location: University Aula, Main Building, University of Iceland**

**SPEAKERS** **Sigurður Magnús Garðarsson**, Dean, School of Engineering and Natural Sciences, University of Iceland

**Jón Atli Benediktsson**, Rector, University of Iceland

**Jennifer Wilcox**, Ph.D., Principal Deputy Assistant Secretary, Office of Fossil Energy and Carbon Management, Department of Energy, Washington D.C.

**Halldór Þorgeirsson**, President, Climate Council of Iceland

**Júlíus Sólmes**, Prof. Emeritus, Deptm. Environmental and Civil Engineering, University of Iceland

**Brynhildur Bjarnadóttir**, Forest Ecologist and Docent, University of Akureyri

**Kira Rehfeld**, Ph.D., Universities of Tübingen & Ulm, Germany

**Matthias May**, Ph.D., Universities of Tübingen & Ulm, Germany

**Mahdi Fasihi**, Lapperanta-Lahti University of Technology (LUT, Finland)

**Christian P. Richter**, Professor, Chemical Engineering, School of Engineering and Natural Sciences, University of Iceland

**Sigurður Reynir Gíslason**, Research Professor, Earth Science Institute, University of Iceland

**Gunnar Stefánsson**, President, Engineering Research Institute, University of Iceland

## **Thursday, October 14:**

### **10.15 - 11.15: A DRAMATIC TALE OF TWO MINING CITIES – AND IF THE WARMING CANNOT BE STOPPED!**

Organized by: White Arkitekter

**Location: Esja, Harpa Fifth Level**

#### **SPEAKERS**

**Marie-France Stendahl**, Head of Business Development, White Arkitekter AB, Ph.D. candidate, Lund University, Sweden; A Dramatic Tale of Two Mining Cities – Yellowknife 62°N and Kiruna 68°N

**Trausti Valsson**, Professor Emeritus, Civil- and Environmental Engineering Department at the University of Iceland: And If the Warming Cannot be Stopped!

### **10.15 - 11.15: ASIAN-ARCTIC SCIENCE DIPLOMACY**

Organized by: University of Iceland

Location: Ríma A, Harpa Ground Floor

#### **SPEAKERS**

**Egill Þór Niélsson**, Senior Advisor, Rannís, Iceland: China-Nordic Arctic Relations: The Role of Research and Science Diplomacy

**Guðbjörg Ríkey Th. Hauksdóttir**, Ph.D. Student, University of Iceland: Discourse on Chinese Research in the Arctic: Challenges and Possibilities for Trustbuilding

**Kristín Ingvarsdóttir**, Ph.D., Lecturer in Contemporary Japanese Studies, University of Iceland: Japanese-Icelandic relations: Trends and opportunities for Arctic research

**Sten Lund**, Research Coordinator, Government of Greenland: Greenland's Experience with Asian Research Collaboration and Future Potential

**Chair: James Rogers**, Assistant Professor, The University of Southern Denmark

### **10.15 - 11.15: ARCTIC INNOVATION LAB: 10 IDEAS FOR A BETTER ARCTIC**

Organized by: The Arctic Initiative at Harvard Kennedy School's Belfer Center for Science and International Affairs

**Location: Háaloft, Harpa Eighth Level**

#### **SPEAKERS**

**Darya Chernikhova**, University of Iceland

**Méroé Mountou**, UiT - The Arctic University of Norway; Uppsala University (Sweden); The University of Eastern Finland

**Noah Montana Christy**, Iceland School of Energy at Reykjavík University

**Varvara Korkina Willams**, University of Northern Iowa

**Stacey Kangipneq Lucason**, University of Northern Iowa

**Philipp Rombach**, The Fletcher School  
Gemma Holt, Harvard Kennedy School

**Sunaina Pamudurthy**, Harvard Kennedy School **Sam Gant**, Harvard Kennedy School  
Raff Giarnella, The Fletcher School

**Chair: Halla Hrunn Logadóttir** Director General, National Energy Authority, Iceland

## **Friday, October 15:**

### **8.45 - 9.40: THE IMPACT OF CLIMATE CHANGE IN THE ARCTIC: THE IMPORTANCE OF AN INTERDISCIPLINARY APPROACH**

Organized in collaboration with the Centre for Arctic Studies - University of Iceland.

**Location: Skarðsheiði, Harpa Third Level**

#### **SPEAKERS:**

**Jón Atli Benediktsson**, Rector, University of Iceland

**Ann-Sofie Gremaud**, Senior lecturer, Faculty of Languages and Culture at the University of Iceland

**Guðfinna Th. Aðalgeirsdóttir**, Professor of Glaciology, University of Iceland; One of the authors of IPCC sixth assessment report

**Gunnar Þór Jóhannesson**, Professor of Tourism Studies, University of Iceland

**Embla Eir Oddsdóttir**, Director, Iceland Arctic Cooperation Network

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

**Chair: Catherine Chambers**, Research Manager, University Centre of the Westfjords

### **13.00 - 13.25: THE VOLCANO IS ERUPTING – PLENARY SESSION**

Location: Silfurberg, Harpa Second Level

Organized in collaboration with ICEYE

#### **KEYNOTE**

**SHAY STRONG**, VP Analytics ICEYE Oy

#### **PANEL**

**Freysteinn Sigmundsson**, Head, Faculty of Earth Sciences, Nordic Volcanological Center, University of Iceland

**Vincent Drouin**, Geophysicist, Icelandic Meteorological Office

**Daniel Leeb**, Founding Partner & Executive Mission Director, Iceland Space Agency

**CHAIR: Tero Vauraste**, Senior Advisor and Regional Director Europe ICEYE; Global Fellow Woodrow Wilson C

### **17.30 - 18.25: PROSPECTS FOR ICELAND-EU RELATIONS AND ICELANDERS' VIEW ON INTERNATIONAL COOPERATION**

Organized by: Konrad-Adenauer-Stiftung

**Location: Skarðsheiði, Harpa Third Level**

#### **SPEAKERS**

**Gabriele Baumann**, Head, KAS Nordic Countries Project: Opening Remarks

**Silja Bára Ómarsdóttir**, Professor of International Affairs, Faculty of Political Science, University of Iceland, Iceland: Introduction of the Survey: Pragmatic and Wary of Change: Icelanders' View on International Cooperation

**Panel Discussion on the European Union and Arctic Security from Icelanders' Perspective:**

**Pia Hansson**, Director of the Institute of International Affairs, University of Iceland, Iceland

**Guðbjörg Ríkey Th. Hauksdóttir**, Project Manager, Centre for Arctic Studies, Institute of International Affairs, University of Iceland, Iceland

**Andreas Østhagen**, Senior Research Fellow, Fridtjof Nansen Institute, Norway

**Silja Bára Ómarsdóttir**, Professor of International Affairs, University of Iceland (Author of the Foreign Policy Survey)

**18.30 - 19.30: WHAT'S THE CATCH? NATIONAL SECURITY ISSUES AND LARGE-SCALE FOREIGN INVESTMENTS**

Organized by: The Arctic Delegation of the Danish Parliament

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

**SPEAKERS**

**Aaja Chemnitz-Larsen**, Member of Parliament and Member of the Arctic Delegation, The Danish Parliament

**André Ken Jakobsson**, Post.doc Center for War Studies, University of Southern Denmark

**Baldur Þórhallsson**, Professor and Founder, Centre for Small State Studies, University of Iceland

**Sjúrður Skaale**, Member of Parliament and Chair of the Arctic Delegation, The Danish Parliament

**18.30 - 19.30: FULBRIGHT IN THE ARCTIC – MEET THE SCIENTISTS**

Organized by: Fulbright Commission Iceland in cooperation with the U.S. State Department's Bureau of Educational and Cultural Affairs, and the U.S. National Science Foundation

**Location: Björtuloft, Harpa Fifth Level**

**SPEAKERS**

**Andrew Paul Castagno**, Fulbright NSF Arctic Research Fellow, University of Reykjavik, Iceland: Sea-ice meltwater mediated productivity in the Denmark and Fram straits

**Eric Johnson**, Fulbright NSF Arctic Scholar, Harvard University, USA: Researching mobile tenancy and the consumer revolution in 19th century Iceland

**Nicole Gatto**, Ph.D., Associate Professor at Claremont Graduate University; Fulbright-MFA Arctic Scholar, Centre for Public Health Sciences at the University of Iceland: Are lower vitamin D levels associated with cognitive dysfunction, parkinsonism and Parkinson's disease among older adults? Is greater historical exposure to ultraviolet radiation associated with a lower risk of parkinsonism and Parkinson's disease?

**Sigríður Kristjánsdóttir**, Ph.D., Dean of Department of Planning and Design, Associate Professor and Director of the master's Program in Planning; Fulbright Arctic Initiative III Scholar, Agricultural University of Iceland, Iceland: Sustainable circumpolar development

**Silja Bára Ómarsdóttir**, Ph.D., Professor of International Affairs at the Faculty of Political Science; Fulbright Arctic Initiative III Scholar, University of Iceland, Iceland: Arctic security as an everyday, lived experience

**Andreas Østhagen**, Ph.D., Senior Research Fellow, Fulbright Arctic Initiative III scholar, Fridtjof Nansen Institute and High North Center: The Good, the Bad and the Ugly - How to improve the way we understand and discuss security amongst states in the Arctic

**Jaime DeSimone**, Robert and Elizabeth Nanovic Curator of Contemporary Art, Fulbright Arctic Initiative III scholar, Portland Museum of Art, Maine, USA: The role of contemporary art can play in shaping future policy discussions in the Arctic

**Peter Linde**, Chief Counsellor for Arctic affairs, Fulbright Arctic Initiative III scholar, Danish Ministry of Foreign Affairs, Denmark: A Kingdom Caught in the Middle – How to Secure Low Tension in the Arctic

**Ketil Lenert Hansen**, Professor of Public Health, Faculty of Health Sciences; Fulbright Arctic Initiative III scholar, UiT - The Arctic University of Norway: The Arctic Childhood Study

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

## **Saturday, October 16:**

### **10.00 - 10.55: WHAT HAPPENS TO CLIMATE CHANGE MITIGATION POST-COVID-19?**

Organized by: Arctic Circle Mission Council on the GlobalArctic

**Location: Björtuloft, Harpa Fifth Level**

#### **SPEAKERS**

**Miyase Christiansen**, Professor, University of Stockholm, Sweden: Arctic Today: Geopolitics, Mediation and Power

**Matthildur María Rafnsdóttir**, Graduate Student, University of Iceland: Introduction of the Report 'Mapping the GlobalArctic'

**Juho Kähkönen**, Ph.D. Candidate, University of Lapland, Finland: Climate Resilience of Arctic Tourism - from Finnish and Lappish Perspective

**Lassi Heininen**, Professor, University of Lapland, Finland: It's (about) Comprehensive Security, not Great Power Rivalry - Climate Change as a challenge for States

### **10.00 - 10.55: REYKJAVÍK INSTITUTE – A NEW COMPUTATIONAL LAB FOR SPACE, SUSTAINABILITY, AND THE ENVIRONMENT**

Organized by: Kaiser Global

**Location: Háaloft, Harpa Eighth Level**

#### **SPEAKERS**

**Gísli Hjálmtýsson**, Ph.D., Dean, School of Technology, Reykjavik University

**Sigurður M. Garðarsson**, Professor, Dean, School of Engineering and Natural Sciences, University of Iceland

**Morris Riedel**, Professor of Computer Science, University of Iceland; Head of Research Group, Jülich Supercomputing Centre, Germany

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

### **11.05 - 12.00: INNOVATION FOR A NEW ARCTIC**

Organized by: University of Iceland

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

#### **SPEAKERS**

**Aki-Matilda Høegh-Dam**, Member of the Danish Parliament for Siumut

**Sigurþóra Bergsdóttir**, Founder of Bergið Headspace; Part of Snjallræði's Startup Social batch of 2018

**Mauricio Latapí**, Post-doctoral Researcher, University of Iceland; Co-founder, Startup Eneryou

**Magnús Þór Torfason**, Associate Professor, University of Iceland School of Business

**Moderator: Anna Karlsdóttir**, Senior Research Fellow, Nordregio

**11.05 - 12.00: LIGHTNING TALKS FROM THE WINNERS OF THE MON PROJET NORDIQUE/MY NORTHERN PROJECT COMPETITION: PHD STUDENTS FROM QUÉBEC AND THE NORDIC COUNTRIES**

Organized by: Québec Northern Institute and UArctic

**Location: Björtuloft, Harpa Fifth Level**

**INTRODUCTION**

**Outi Snellman**, Vice-President, UArctic

**Thierry Rodon**, Professor, Chairholder, INQ Research Chair on Northern Sustainable Development

**SPEAKERS**

**Hanna Blåhed**, Ph.D. Student, Umeå University, Sweden: Minding. Health Or Mining Wealth? A Health Impact Assessment of a Mining Project in Gällök/Kallak, Swedish Sápmi **Flore Sergeant**, Ph.D. student in Earth Sciences, Université Laval, Québec: Arctic River Flow: A Valuable Indicator for Predicting Pan- Arctic Permafrost Dynamics

**Aðalheiður Alice Eyvör Pálsdóttir**, Ph.D. student in folkloristics/ethnology, University of Iceland, Iceland: Iceland's North Coast in Legends

**Valérie Langlois**, Ph.D. student in Microbiology, Université Laval, Québec: Thermokarst: When a Small Lake Goes Viral

**Jennifer Fiebig**, M.A Architect; Ph.D. Student in Civil Engineering, Technical University Denmark (DTU): Snow and Wind – A Dimension in Arctic Built Environment

**Agathe Allibert**, Ph.D. Student in Veterinary Studies, Université de Montréal, Québec: Arctic Fox, Rabies and Global Warming

**Natalia Ramirez**, Ph.D. Student in biology, University of Akureyri, Iceland: Do Lichens Provide a Selective Force for Pseudomonas Syringae in Arctic Tundra Environments?

**Alex Mavrovic**, Ph.D. Student in Environmental Science, Université de Québec à Trois Rivières (UQTR), Québec: Monitoring of Winter Carbon Flux in the Arctic

**Judith Maréchal**, Ph.D. Candidate, Arctic DTU – Ilinniarfeqarfik Sisimiut, Greenland: The Influence on Public Health of Water Systems in Greenlandic Settlements

**SYNTHESIS, CONCLUSION AND ANNOUNCEMENT OF THE PEOPLE'S CHOICE AWARD**

**Jouko Niinimäki**, Board Vice-Chair, University of Oulu, UArctic

**11.05 - 12.00: GREENLAND-ICELAND RESEARCHERS MEET AND GREET**

Organized by: Greenland Research Council; Rannís

**Location: Akrafjall, Harpa Fourth Level**

**SPEAKER**

**Josephine Nymand**, Chair, Greenland Research Council

**Hallgrímur Jónasson**, General Director, Rannís, Iceland



**Christian Wennecke**, Director, Innovation Greenland A/S

**Anna-Sofie Skjervedal**, Head of Secretariat, Arctic Hub

**Jón Atli Benediktsson**, Rector, University of Iceland

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

**Ragnhildur Helgadóttir**, Rector, Reykjavik University

**13.40-14.20: EMERGING ARCTIC SECURITY CONCERNS - GREENLAND AND ICELAND - PLENARY**

Organized in collaboration with the Centre for Arctic Studies - University of Iceland.

**PANEL**

**Aaja Chemnitz Larsen**, Member of the Danish Parliament for Inuit Ataqatigiit

**Sara Olsvig**, Former Vice Premier and Minister for Social Affairs, Families, Gender Equality and Justice; Current Ph.D.-fellow, Ilisimatusarfik - the University of Greenland; Assigned Member, the Constitutional Commission of Greenland; Co-Chair, Arctic Circle Mission Council on Greenland in the Arctic

**Marc Lanteigne**, Associate Professor, Political Science Department of Social Sciences, the Arctic University of Norway

**Egill Þór Nielsson**, Senior Advisor, The Icelandic Center for Research; Ph.D. Fellow, University of Iceland & University of Lapland

**MODERATOR**

**Halla Hrund Logadóttir**, Director General, National Energy Authority, Iceland

**Questions and Answers**