

# ARCTIC INTERCHANGE

MAY 8-12, 2017  
FAIRBANKS · ALASKA · USA

Join us for a week  
of collaboration and  
celebration with  
the transition of the  
U.S. Arctic Council  
Chairmanship to  
Finland.

Cost of attending Week  
of the Arctic workshops  
is only \$25 per day.  
Space is limited, so  
register today!

REGISTER TODAY!  
**AkArcticHost.org**

## AEROSPACE OPPORTUNITIES IN ALASKA AND THE ARCTIC

*A panel of experts chaired by*

**Bob McCoy**

Director, Geophysical Institute, UAF

**Thursday, May 11**, Rm. 501 Akasofu Bldg., UAF

*Run in conjunction with the **Opportunities in the Arctic:**  
Geophysical Research session. Workshop includes:*

**8:30 a.m. Coffee Social**

**9–10 a.m. Aerospace Panel**

**10–11 a.m. Geophysical Panel**

This is an exciting time for aerospace development and experimentation in Alaska. Learn how you can partner and benefit from: two rocket ranges, a non-federal U.S. spaceport, the ability to downlink data from polar orbiting satellites, unmanned aircraft testing and experimentation, and international experimentation in the upper atmosphere and ionosphere.



photo by Jason Ahrens



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## WHAT IS THE ARCTIC WE NEED TO SUSTAIN THE GLOBAL CLIMATE SYSTEM?

*A workshop presented by*

### **Arctic 21**

**9 a.m.–noon Thursday, May 11**

Auditorium, Margaret Murie Bldg., UAF

This Arctic 21 workshop will examine the impact that climate change is having on the Arctic and the rest of the planet, and the responses of institutions including the Arctic Council, the Intergovernmental Panel on Climate Change, and the United Nations Framework Convention on Climate Change, including the Paris Agreement.

The workshop will look at five areas of Arctic change – permafrost, sea ice, snow cover, the Greenland ice sheet and the Canadian and Alaskan glaciers – and discuss how those impact local lives and the global climate system, drawing from the Arctic Council's recent updated climate impact assessment (SWIPA). The central focus of the workshop will pose the question, "What is the Arctic we have to have, and how do we get there?"



photo courtesy of David McGlinchey



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## ONE HEALTH: CONCERNS IN A CHANGING ARCTIC

*A workshop presented by*

### **UAF Dept of Veterinary Medicine**

Capacity is limited, request a letter of invitation  
Contact: [cagriseto@alaska.edu](mailto:cagriseto@alaska.edu)

**9 a.m.–noon Thursday, 9 a.m.–2 p.m. Friday, May 11–12**  
Rm. 103/105 Margaret Murie Bldg., UAF

Learn more about how the changing Arctic affects Social and Cultural Concerns: Community leaders, researchers, international arctic experts all join in this two day workshop; to identify stakeholders, research objectives, zoonotic diseases and discuss how changes affect the ecosystem.



photo courtesy of Cathy Griseto





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## OPPORTUNITIES IN THE ARCTIC: GEOPHYSICAL RESEARCH

*A panel of experts chaired by*

### **Matthew Sturm**

Professor, Snow, Ice & Permafrost, UAF

**Thursday, May 11**, Rm. 501 Akasofu Bldg., UAF

*Run in conjunction with the **Aerospace Opportunities in Alaska and the Arctic** session. Workshop includes:*

**8:30 a.m. Coffee Social**

**9–10 a.m. Aerospace Panel**

**10–11 a.m. Geophysical Panel**

A panel of local experts from the Geophysical Institute, International Arctic Research Center, and other research institutes from across campus will discuss opportunities for partnerships in cutting edge Arctic research. Focus will be on natural hazards and diverse natural phenomena in Alaska. Learn how Alaskan scientists routinely collaborate across international boundaries.



UAF photo



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## ARCTIC 2030: PROJECTING CHALLENGES FACING ARCTIC MARITIME OPERATORS

*A workshop presented by*  
**Arctic Domain Awareness Center and US  
Coast Guard HQ Future Concepts Division**

By invitation, to request a letter please  
contact: [mmkukkonen@alaska.edu](mailto:mmkukkonen@alaska.edu)

**8 a.m.–5 p.m. Thursday, 8 a.m.–noon Friday, May 11–12**  
Auditorium and Globe Room, Elvey Bldg., UAF

An operator, research, community and industry workshop. Jointly hosted by the Arctic Domain Awareness Center (ADAC) and the US Coast Guard HQ (HQ USCG) Future Concepts Division. This workshop will attempt to project the challenges facing the Arctic Maritime Operator community in the Year 2030 in order to identify gaps and shortfalls that can orient the United States Department of Homeland Security, HQ USCG, ADAC and others and help inform strategy, policy, and research.



UAF photo

