



ADAC Annual Meeting “Pathways to Transition” 29-30 Nov 2017 HQ U.S. Coast Guard Washington D.C. Final Edition

Overview

The Arctic Domain Awareness Center (ADAC) is a U.S. Department of Homeland Security, Science and Technology (S&T) Directorate Office of University Programs, (OUP) Center of Excellence in Maritime Research hosted by the University of Alaska. In accordance with ADAC’s “Year 4 Work Plan” ADAC is planning its second Washington D.C. based, Annual Meeting. The Annual meeting seeks to facilitate interaction with the following entities:

- U.S. Coast Guard Project Champions,
- U.S. Coast Guard Stakeholders and advocates,
- Other DHS maritime mission communities,
- U.S. Federal officials,
- State of Alaska and local officials,
- Available Academic/research and industry professionals from across the U.S.

The Center will host its Program Year 4, Annual meeting on Wednesday and Thursday, 29-30 November 2017 at Headquarters’ U.S. Coast Guard, Washington D.C. The Annual Meeting “theme” is “Pathways to Transition”...intending to highlight a series of avenues to successfully transition ADAC research to useful products and capability for ADAC’s customers, which is principally the U.S. Coast Guard and other Arctic operator communities.

This meeting is open to ADAC’s “customers and partners” across the United States, and will be made open to ADAC’s customers and partners across the U.S. and international collaborators via teleconference.

At the onset of the meeting, ADAC welcomes DHS S&T OUP Program leadership to inform the Center and assembled company, about transition challenges and methods to achieve success.

ADAC Leadership will initiate an overview of Center efforts (which include on-going Center activity to bring new research on line and transition strategies), followed by current project presentations. ADAC is planning a short intro overview video for each project, and 45 minutes (questions and answers included) for each legacy and 30 minutes for each new project.

ADAC is pleased to announce the Vice Commandant of the U.S. Coast Guard to provide strategic reflections on the Arctic and the Commander of U.S. Coast Guard District 17 provide reflections as the Coast Guard's senior Arctic operational commander.

ADAC is planning to start the meeting at 0900 Eastern Standard Time. Attire is Uniform of the Day for military, Coat and Tie for civilians. Agenda details follow:

Day 1: Wednesday, 29 Nov 2017 (Plenary Session)

- 0900-0930: Welcome, and Center Overview presentations by ADAC Executive Director (ED), Principal Investigator (PI) and Research Director (RD):
Maj Gen (Ret) Church Kee;
Dr. Douglas Causey;
Dr. Larry Hinzman.
- 0930-1000: USCG's Senior Arctic Operational Commander reflections, RADM Mike McAllister, Commander, USCG D17 (Confirmed)
- 1000-1030: DHS S&T OUP Program Leadership Review on Transition, Mr. Theo Gemelas and Dr. Matt Clark.
- 1030-1045: Break
- 1045-1130: Propeller Driven Long Range Autonomous Underwater Vehicle (LRAUV), Dr. James Bellingham, Woods Hole Oceanographic Institution.
- 1130-1215: Ice Conditions Index for the Great Lakes Region (ICECON), Dr. Thomas Ravens, UAA, and Dr. Andrew Mahoney, UAF, participating Remotely.
- 1215-1315: Lunch.
- 1315-1400: Arctic Oil Spill Modeling, Dr.'s Thomas Ravens, UAA and Scott Socolofsky, Texas A&M, College Station.
- 1400-1430: ADAC Transition Strategy by ADAC ED Church Kee.

- 1430-1445: Break.
- 1445-1515: Education Program Update, Ms. Malla Kukkonen and ADAC Fellows.
- 1515-1545: Arctic Summer Intern Program, Dr. Craig Tweedie, University of Texas El Paso (UTEP) with Dr. Andrew Mahoney, UAF participating remotely.
- 1545-1550: Day 1 Concluding remarks.
- 1800-2000: ADAC (No-Host) Social, Embassy Suites main atrium, 1900 Diagonal Road Alexandria VA (Casual).

Day 2, Thursday, 30 Nov 2017 (Plenary Session...continued)

- 0900-0910: Welcome back, ADAC leadership.
- 0910-0930: ADAC Strategic Financial Review by Fiscal Director, Heather Paulsen.
- 0930-1015: HIOMAS Modeling, Dr. Jinlun Zhang, University of Washington
- 1015-1045: Using Vessel Tracking Data to Prioritize Bathymetric Surveying in a Rapidly Changing Arctic, Mr. Kyle Wilcox, Axiom Data Sciences presenting and Dr. Carol Janzen, Alaska Ocean Observation System (and on behalf of Alaska Sea Life Center) participating remotely.
- 1045-1100: Break
- 1100-1130: Developing Sea-Ice and Weather Forecasting Tools to Improve Situational Awareness and Crisis Response in the Arctic, Dr. Nathan Kettle.
- 1130-1200: HQ USCG Strategic Arctic reflections, Admiral Charles Michel, Vice Commandant of the U.S. Coast Guard (Confirmed).
- 1200-1230: Evaluation of Potential U.S. Coast Guard Use of Cube Satellites. Dr. Nettie Labelle Hamer, UAF, via remote participation.
- 1230-1240: Break
- 1240-1310: ADAC Year 3 discontinued/completed projects review by ADAC ED Church Kee:

- Low Cost Sensors;
- Arctic Information Fusion;
- Integrated Ice Hazards;
- Arctic Training in Education, Ice Navigation;
- Community Based Observer Networks for Situational Awareness.

1310-1320: ADAC Way Ahead and Concluding remarks by ADAC PI, RD and ED.

1320: Close of Annual Meeting (Close of plenary session).

1330-1530: Individual meetings between ADAC research teams and HQ USCG Project Champions (arranged between Projects Leads and Project Champions).

Teleconference Details:

The below are the teleconference bridge numbers from HQ USCG.

November 29: 202-475-4685 - Please enter the following pin number to connect to the conference: 6603#

November 30: 202-475-4685 - Please enter the following pin number to connect to the conference: 6601#

Meeting Site and Room

HQ U.S. Coast address is 2703 Martin Luther King Jr. Avenue, SE, Washington D.C. 20593-7000. The HQ U.S. Coast Guard official room numbers for ADAC Annual Meeting: 6i10-01-a and 6i10-01-b (Ray Evans rooms A and B).

HQ USCG ADAC Annual Meeting Entry Requirements:

In order to gain entry to HQ U.S. Coast Guard for the ADAC Annual Meeting, ADAC needs an RSVP of all attendees' official first and last names and indication of which participants have a U.S. Government Issued Common Access Card (CAC) or Personal Identity Verification (PIV) card.

Accordingly, please pass electronic RSVP to (all three please) NLT 22 November to attend the meeting:

rakee@alaska.edu

mmkukkonen@alaska.edu

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All participants without a CAC or PIV card are welcome to coordinate their PII information directly to Ms. Moselle Cox (contact information below). Individuals without a CAC or PIV Card,

will not be allowed in the building without providing their PII information to Ms. Cox. PII includes name, Social Security Number and Date of Birth.

HQ USCG ADAC Annual Meeting Point of Contact (to provide Personal Identification Information (PII)):

Ms. Mozelle Cox

Analyst, JPI

U.S. Coast Guard Acquisition Directorate

Office of Research, Development, Test & Evaluation (CG-926)

irene.m.cox@uscg.mil

202-475-3017

ADAC Contact:

For more information, contact ADAC Executive Development Director, Randy “Church” Kee at rakee@alaska.edu or (907) 786-0708.