

Agenda

IDP Englacial and Subglacial Access Working Group Workshop

December 8, 2024

Duke meeting room, Residence Inn Alexandria Old Town/Duke Street
1456 Duke Street Alexandria, VA 22314

7:00 Hot breakfast in the hotel breakfast area (hotel gratis with lodging room)

8:00: Meeting check in and pre-load presentation

8:20: Welcome and workshop charge: Mary Albert

8:30: NSF Remarks: Alex Isern

8:45: Workshop goals and game plan: Ryan Venturelli

9-10: Brief presentations from attendees on past/ongoing subglacial work (7 slides max)

- Glaciology: Matt Siegfried
- Geology:
 - Antarctica: Ryan Venturelli
 - Greenland: Jason Briner
- Microbiology: Heidi Smith
- Technology: Britney Schmidt

10-10:15: Coffee break

10:15-12:00 : Pitches for priority locations, technology needs, and requirements for open boreholes

In the meeting registration survey, there is space to provide information about pitches attendees would like to make.

We will be accepting pitches for:

- Future sub-ice drilling locations
- Necessary technology to enable future drilling
- Additional science plans for access holes (down-hole geophysics, long-term observatories, etc).

12:00-12:45 Lunch & informal discussion in the meeting room

12:45 **Priority wall:** *For subglacial science leading up to and in the International Polar Year 2032-33, participants will post 5 specific key science questions on the Priority Wall pertaining to subglacial access drilling.*

1:30 Breakout groups

What are the key priorities for subglacial and englacial research? What common science themes and common geographic footprints can we identify? Divide the whole group into break-out groups defined by realm or environment, for discussions and preparation of a group presentation.

15:00-16:00 Reports from break-out groups

Summary presentation from each break-out group from the major realms, identifying the key science questions driving the research, and identifying associated geographic areas of interest, timelines, and required drilling technologies.

16:00-16:45 **Round-table discussion** of goal, priorities, and compatibilities – common ground? Shared footprint or resources?

16:45 Follow-up assignments & next steps

17:00 Meeting adjourned