

Revised: December 4, 2018

Tentative Agenda
UNOLS Deep Submergence Science Committee (DeSSC)
Annual Showcase Meeting
Sunday, December 9, 2018
Washington Marriot at Metro Center
775 12th Street NW
Washington, DC 20005

Please RSVP the UNOLS Office at <https://www.surveymonkey.com/r/DeSScWinter2018RSVP> by December 1st if you plan to attend the meeting. Thank you!

WebEx Login: If you are unavailable to attend in person, you can join the meeting via web conference. To log-in, click on:

<https://unols.webex.com/unols/j.php?MTID=md9d3bea3da15883f67fadca06a0f1b17>

Access code: 806 442 926

Meeting password: deep2018

Join by phone

1-877-668-4490 Call-in toll-free number (US/Canada)

8:30 am Coffee

9:00 am Introductory Remarks, Meeting Logistics, Introductions (Anna-Louise Reysenbach, DeSSC Chair)

- Review Agenda Items
- Introductions of DeSSC members
- NDSF/DeSSC Highlights and Accomplishments
- Announcements – DeSSC New Users in attendance, Meeting Displays, Posters, etc.

9:20 am Agency & UNOLS Introductions and Reports

- NSF Report (Brian Midson)
- Navy Report (Tim Schnoor)
- NOAA Report (Alan Leonardi/Amanda Netburn)
- UNOLS Report & Global SMR Announcement

9:50 am New-Users and Early Career Scientist Presentations - Session I

- *One-Minute Presentations of their background, research interests, and collaborative opportunities*

10:10 am Break

10:25 am National Deep Submergence Facility (NDSF) Announcements (Rob Munier)

10:35 am NDSF 2018 Vehicle Operations Summary (Masako Tominaga)

10:40 am Deep Submergence Scheduling: 2019 Operations and beyond (Kerry Strøm)

10:50 am PI Reports (3 minutes each)

- *Jason, Sentry* and *Alvin* PI Reports [Confirmed presenters: Anna-Louise Reysenbach, Mark Kurz, Matt Cook, Karen Bemis, Bill Chadwick, Louis Whitcomb, Susan Lang, John Delaney/OOI Cabled Array]
- Other facilities [Please note: Science users of other facilities must notify Annette DeSilva <office@unols.org> by November 27th to be included on the agenda.]

11:30 am NDSF Vehicle Debrief Interview Reports

- Summary of issues identified in NDSF debrief interviews (Amanda Demopoulos)

11:50 am Summary of Upgrades to NDSF vehicles: *Sentry, Jason, and Alvin* (Andy Bowen/Masako Tominaga)

12:10 pm *Lunch Break*

1:30 pm New-Users and Early Career Scientist Presentations - Session II - *One-Minute Presentations of their background, research interests, and collaborative opportunities*

1:50 pm Highlighting *Alvin* Science Capabilities:

- Introduction by Adam Soule
- Examples of *Alvin*'s science operations

2:10 pm DESCEND-2 - Implementation (Open Discussion/Think Tank)

Based on the discussions during last year's December DeSSC Meeting, Anna-Louise Reysenbach will provide a synthesis of the cross-cutting issues from the different breakout groups. At this year's meeting, we will develop strategies for implementing these themes (including funding), whether it's a series of workshops, speaker series, an RCN, summer school or any other ideas. Your input is needed!

3:30 pm *Break*

3:45 pm Emerging technologies and Broader Activities

- 1540: Concept for Deployed Science Module – Bruce Strickrott (10 min)
- 1550: DeSSC's New-User Programs – Steering Committee member, Karyn Rogers, will provide a brief summary of the activities, discussions, and highlights. (10 min)
- 1600: Video Standards and Data Management – Scott White (10 min)
- 1610: DeSSC Subcommittee on Telepresence-Enabled Science Missions – Chris German (10 min)
- 1620: ROV Development and Operation Updates:
 - U. Hawaii ROV *Lu'ukai* – Bruce Howe (10 min)
 - Schmidt Ocean Institute, ROV *Subastian* – Errol Campbell (5 min)
 - Pelagic Research Services, ROV *Odysseus* - Operations in support of the Ocean Observatories Initiative. –Ed Cassano (5 min)
- 1640: Ocean Observing Initiative (OOI) – Brian Midson (5 min)

16:45 pm Closing Remarks and Adjourn (Anna-Louise Reysenbach)