

Agenda
UNOLS Deep Submergence Science Committee (DeSSC)
Annual Community Meeting
Sunday, December 11, 2016
Location:

Golden Gate University (2nd Floor Room 2201 – 2202)
536 Mission Street, San Francisco, CA 94105

8:30 am Coffee

9:00 am Introductory Remarks, Meeting Logistics, Introductions (Peter Girguis, DeSSC Chair)

- Review Agenda Items
- Introductions of DeSSC members and Anna-Louise Reysenbach, new DeSSC Chair
- NDSF/DeSSC Highlights and Accomplishments
- Meeting Displays & Posters
- DESCEND-2 Workshop

9:25 am Brief Introductions of Students, Early Career Scientists, and New-Users

9:35 am Agency Introductions and Reports

- NSF Report (Brian Midson)
- Navy Report (Tim Schnoor)
- NOAA Report (Alan Leonardi)
- UNOLS Announcements (Annette DeSilva)

10:00 am New-Users and Early Career Scientist Presentations - Session I

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

10:25 am Break

10:40 am NDSF 2016 Vehicle Operations Summary (Lisa Smith)

10:55 am PI Reports

- *Jason, Sentry* and *Alvin* PI Reports (Mark Kurz, Anne Dekas, Jeffrey McGuire, Allison Fundis, Deb Kelley, Bruce Appelgate, William Seyfried, and Daniel Fornari)
- *Pisces* – Brendan O'Rourke
- *Nereid* Under Ice cruise to the Arctic – Chris German

11:45 am National Facility Operators Report (WHOI)

- NDSF Announcements (Rob Munier)
- *Nereus* Legacy Fund Report (Rob Munier)
- Summary of Upgrades to NDSF vehicles: *Sentry*, *Jason*, and *Alvin* (Andy Bowen)

12:10 pm Lunch Break

1:15 pm Deep Submergence Scheduling:

- 2017 Operations and beyond (Kerry Strøm)

- 1:30 pm NDSF Vehicle Debrief Interviews & Post Cruise Assessment Reports**
- Summary of issues identified in NDSF debrief interviews and corrective actions (Scott White)
 - Opportunity for WHOI comment (Andy Bowen)
- 2:00 pm DESCEND-2 Workshop: Findings and Recommendations** – Pete Girguis
- 2:15 pm Break**
- 2:30 pm Video Standards and Data Management**
- Establishing Community Standards for Underwater Video Acquisition, Tagging, Archiving and Access (Vicki Ferrini) (10 min)
 - Web services linking NDSF and IEDA (Vicki Ferrini) (5 min)
 - NDSF Data Management Update – Development of a data delivery tool, R/V *Sally Ride* Science Verification Cruise using Telepresence, and *Alvin* Navigation – Jon Howland (15 min)
- 3:00 pm DeSSC's New-User Programs** – Steering Committee member, Vicki Ferrini, will provide a brief summary of the activities, discussions, and highlights.
- 3:10 pm New-Users and Early Career Scientist Presentations - Session II**
- *One-Minute Presentations of their background, research interests, and collaborative opportunities*
- 3:35 pm Emerging technologies and Broader Activities**
- 1535: Hawai'i Undersea Research Laboratory (HURL) *Pisces* operations in 2016 and future plans – John Smith (10 min)
 - 1545: DeSSC Subcommittee on Telepresence-Enabled Science Missions – Chris German (5 min)
 - 1550: NDSF Coordination with the Polar Working Group – Pete Girguis (5 min)
 - 1555: Autonomous Surface Vehicle tender for Sentry – Andy Bowen (5 min)
 - 1600: Nereid Under Ice, Nereid Hybrid Tether – Andy Bowen (5 min)
 - 1605: Ocean Observing Initiative – Brian Midson (5 min)
 - 1610: Ocean Observing Initiative Cabled Array – Deb Kelley (10 min)
 - 1620: ROV Development and Operation Updates:
 - U. Hawaii ROV – John Smith (5 min)
 - Scripps Institution of Oceanography ROV – Bruce Appelgate (5 min)
 - Schmidt Ocean Institute– Victor Zykov (5 min)
- 4:35 pm Open Discussion**
- 4:55 pm Closing Remarks** (Pete Girguis)
- 5:00 pm Adjourn**