**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: Neriid 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:
    o U. Hawaii ROV – John Smith (5 min)
    o Scripps Institution of Oceanography ROV – Bruce Appelgate (5 min)
    o Schmidt Ocean Institute– Victor Żykov (5 min)

4:35 pm  Open Discussion

4:55 pm  Closing Remarks (Pete Girguis)

5:00 pm  Adjourn