

D. Using the media and social media to highlight ocean acoustics initiatives

14:00 **Breakout Group I Reports**

14:20 **Panel II: Skills Needed by the Ocean Acoustics Workforce**

Moderator: Kathleen Vigness Raposa, Inspire Environmental

Speakers: Meme Lobecker, Konsberg

Siobhan Niklasson, Los Alamos National Laboratory

Helen Stewart, Fugro

Lora Van Uffelen, University of Rhode Island

15:10 **Break**

15:40 **Plenary V: Introduction to Microcredentials**

Speaker: Liesl Hotaling, Eidos Education and Marine Technology Society

15:55 **Breakout Group II: A Framework for an Ocean Acoustics Microcredentials Program**

A. What careers would benefit from a microcredentials program in ocean acoustics?

B. What topics/content should be included for specific microcredentials?

C. What competencies are employers seeking in the ocean acoustics workforce (such as using technologies)

D. Who could provide these programs, where could they be held, and how do people find out about them?

16:30 **Breakout Group II Reports**

16:50 **Lightning Round I: Student Presentations**

Moderator: Holly Morin, University of Rhode Island

Speakers: Hailey Davies, University of Victoria

Lauren Fritz, University of California Santa Cruz

Mark Goldwater, Woods Hole Oceanographic Institution

Tiffany Raetzelt, University of South Florida

Ashley Taylor Cook, University of Miami

17:30 **Adjourn**

WEDNESDAY, May 24, 2023

9:00 **Welcome and Reflection**

9:15 **Plenary VI: Impacts and Mitigation Strategies**

Speaker: Ben Colbert, U.S. Navy Marine Living Resources Division

9:35 **Plenary VII: International Regulations Related to Anthropogenic Sound**

Speaker: Klaus Lucke, JASCO (virtual)

10:15 **Break**

10:40 **Panel III: Strategies for Integrating Research, Education, Business and Policy**

Moderator: Christopher Knowlton, University of Rhode Island

Speakers: Shane Guan, Bureau of Ocean Energy Management

Holly Morin, University of Rhode Island

Maggie Merrill, Blue Venture Forum

Kim Gavin, BLUEiQ

- 11:20 **Breakout Group III: Actions Needed to Develop and Implement an Ocean Acoustics Microcredentials Program**
Example Discussion Topics:
A. Who is/are the audience/audiences for a microcredentials program?
B. Who needs to be included in the development of a microcredentials program?
C. What should be the essential content ingredients of a microcredentials program?
D. Where and how should a microcredentials program be offered?
E. How can a microcredentials unit fit into existing academic programs?
- 12:10 **Breakout Group III Reports**
- 12:30 **Lunch**
- 13:30 **Plenary VIII: The Ocean Decade’s Maritime Acoustic Environment Program**
Speaker: Kyle Becker, Office of Naval Research
- 14:00 **Panel IV: Passive Acoustics Applications**
Moderator: Liesl Hotaling
Speakers: Jeff Kneebone, New England Aquarium
Sofie Van Parijs, National Oceanic and Atmospheric Administration
Rob McGurrin, BLUEiQ
- 14:40 **Break**
- 15:10 **Lightning Round II: Early Career and Student Presentations**
Moderator: Gail Scowcroft, University of Rhode Island
Speakers: Danielle Goudreau, Collins Engineering
Ian Jones, University of New Hampshire
Grant Milne, University of New Hampshire
Kelsey Rudes, National Oceanic and Atmospheric Administration
Luis Pomales Velazquez, University of Rhode Island
- 15:45 **Breakout Group IV: Developing Cross-Sector Partnerships**
Example Discussion Topics:
A. What needs might be met with cross-sector partnerships?
B. What might be some goals for cross-sector partnerships?
C. Have you found challenges to cross-sector partnerships, and if so, have you found any solutions?
D. What forum could be used to foster cross-sector partnerships?
- 16:30 **Breakout Group IV Report Out**
- 16:50 **Plenary IX: Introduction to Open Space Session**
Speaker: Peter Tuddenham, College of Exploration
- 17:15 **Adjourn**

THURSDAY, May 25, 2023

9:00 **Welcome and Review**

9:15 **Open Space Session – Furthering the Goals of the Global Ocean Science Community**
(Examples: one group could focus on the certificate program for business and industry, another could focus on activities for the Decade)

10:15 **Break**

10:45 **Open Space Continues**

- 11:15 **Open Space Group Reports**
- 11:45 **Plenary X: Moving the Field Forward – Artificial Intelligence and Machine Learning on the Horizon**
Speaker: TBD
- 12:10 **Large Group Discussion – Reflection on 2023 GOSE Workshop and Ideas for the Future**
- 12:30 **Lunch**