

Alvin New Users Workshop (aka Alvin Boot Camp) 21-24 September 2015, WHOI

Origin story

Initially conceived as part of the Alvin Science Verification Cruise proposal in 2013. Attempted again in 2014 as a standalone, short cruise, but scuttled due to ship scheduling conflicts. Re-re-conceived in 2015 as an on-shore workshop that provides direct experience with Alvin through 'simulated' dives.

*It is important to note that Brian & Rose at NSF have been extremely supportive throughout every iteration of this process.



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Workshop Goals

- Broaden participation in the Alvin program.
- Get new users (not necessarily early-career) up to speed on the subs capabilities.
- Provide information and guidance directly relevant to their specific science objectives.
- Key in on aspects of proposal writing and cruise planning relevant to Alvin (outside of the brilliant science ideas that they already have).



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Instructors: Experienced Alvin/DSV users* covering a wide disciplinary range matching the interests and objectives of the attending.

**P. Girguis, A. Soule, T. Shank, J. Huber, J. Seewald, D. Fornari*

Attendees: 10 ocean scientists from a variety of institutions** who have had little to no direct experience with Alvin, but who are emergent users of the sub facility. Identified from initial call for participation in the Alvin SVC and expanded by invitation.

***TAMU, Georgia Tech, LLNL, WHOI, Boise State U., Western Washington U., Rutgers*



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Agenda

- Two short courses per day dealing with topics such as: Alvin mobility, observations, sampling tools and strategies, integrating 3rd party tools.
- Individualized guidance on cruise planning, proposal strategies, night programs specific to attendee research interests.
- Simulated Alvin dives with attendees in the sub directing manipulations, evaluating visibility, familiarizing with imaging & nav systems.

