

Draft Agenda: Drilling into Young Oceanic Crust for Seafloor Observations at Axial Seamount

October 11, 2017

- 8:30 Welcome and Goals of Workshop
- 9:00 Rock Drilling with JR: Past & Future
- 9:45 Rock Drilling with Seabed Drills: Past & Future
- 10:30 Break
- 11:00 Recent Experience with Hard Rock Drilling: Leg 360
- 11:30 Recent Experience with Hard Rock Drilling: Leg 357
- 12:00 Q&A with all morning speakers about Hard Rock Drilling Technology
- 12:30 Lunch
- 1:30 Axial Seamount: OOI Seafloor Observatory
- 2:00 Infrastructure for Basement Observatories
- 2:30 Boreholes and Cables: Lessons from NEPTUNE and Nankai
- 3:00 Break
- 3:30 Axial Seamount: Seismic Structure
- 3:45 Axial Seamount: Eruptions & Volcanology
- 4:00 Axial Seamount: Petrology
- 4:15 Axial Seamount: Fluid Geochemistry
- 4:30 Axial Seamount: Microbiology
- 4:45 Modeling/Measuring Seafloor Flow
- 5:00 Adjourn
- 6:00 Dinner

October 12, 2017

- 8:30 Review of Day 1 Progress, Input on New Discussions, etc. Organizers
- 9:00 Lightning Presentations (1 slide/3 minutes) Open to all participants
- 10:00 Group Discussion & Planning for Breakouts
- 10:30 Break
- 11:00 Breakout #1: Scientific Priorities & Driving Questions
- 12:00 Plenary #1: Scientific Priorities & Driving Questions, Review & Report
- 12:30 Lunch
- 1:30 Breakout #2: Best Drilling Technologies to Achieve Scientific Priorities
- 2:30 Plenary #2: Best Drilling Technologies to Achieve Scientific Priorities, Review & Report
- 3:00 Break
- 3:30 Breakout #3: Identifying Drilling Locations and Strategies for Moving Forward
- 4:30 Plenary #3: Identifying Drilling Locations and Strategies for Moving Forward, Review & Report
- 5:00 Adjourn
- 6:00 Dinner

October 13, 2017

- 8:30 Plenary: Review of Where We Are, Outstanding Questions/Concerns & Assignment of Tasks
- 9:00 Report and proposal writing
- 11:30 Plenary: Meeting wrap up
- 12:30 Adjourn (activities may continue into the afternoon)