

WORKSHOP AGENDA

Please note: Updates to the agenda, maps, and shuttle schedules are available at the workshop website: <http://www.whoi.edu/workshops/deepseamining/>

Tuesday, March 31 - Welcome reception

(location: Quissett Campus, Clark 507)

6:00-8:00PM Welcome reception and poster set-up

Wednesday, April 1 - Science Workshop

(by invitation only)

(location: Quissett Campus, Clark 507)

8:00-8:30AM Coffee

8:30 Welcome and introduction - (Jian Lin)

8:40 Global distribution of hydrothermal activity: High-T fluxes - (Chris German)

9:00 Global distribution of mineralization: Mass flux - (Mark Hannington)

9:20 Seafloor weathering/aging of SMS deposits - (Rachel Mills)

9:40 Geophysical signatures of SMS deposits - (Maurice Tivey)

10:00 Moderated discussion (30 mins) - (Rob Zierenberg)

10:30-10:45 Break

10:45 MAR hydrothermal systems and new paradigms - (Georgy Cherkashov)

Quick hits:

11:05 Ultra-slow spreading - (Rolf Pedersen)

11:15 SWIR - (Yaomin Yang)

11:25 Back-arcs Lau/Manus - (Meg Tivey)

11:35 Kermadec arc - (Matt Leybourne)

11:45 Moderated discussion (45 mins) - (Rachel Mills)

12:30-1:30PM Lunch

1:30 Hydrothermal vent ecosystems: What's at risk? - (Cindy Van Dover)

1:50 Hydrothermal vent microbial interactions - (Anna-Louise Reysenbach)

2:10 Geobiology - (Ingunn Thorseth)

2:30 Moderated discussion (30 mins) - (Lisa Levin)

3:00 -3:15 Break

Quick hits:

3:15 Larval dispersal/Population connectivity - (Lauren Mullineaux)

3:25 Is instability an essential feature of deep-sea hydrothermal vent ecosystems?
- (Kim Juniper)

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- 3:35 Microbial interactions (Yohey Suzuki)
3:45 Working with industry to conduct environmental surveys: an example from New Zealand
- (Ashley Rowden)
3:55 MPAs Atlantic - (Sabine Christiansen)
4:05 Moderated discussion (55 mins) - (Ashley Rowden)
- 5:00-6:30PM Posters and refreshments
- 7:00PM Dinner at Coonamessett Inn
(location: at the corner of Gifford St. and Jones Rd., 311 Gifford St., Falmouth;
<http://www.capecodrestaurants.org/coonamessett/>)

Thursday, April 2, morning - Policy Workshop

(by invitation only)

(location: Quissett Campus, Clark 507)

- 8:00-8:30AM Coffee
- 8:30 Welcome and introduction (Jian Lin - InterRidge, Maurice Tivey, Porter Hoagland)
Moderator for morning session prior to break - (Porter Hoagland)
- 8:40 Panel for international aspects of seafloor mining:
Economics - (Rod Eggert)
International Seabed Authority - (Nii Odunton)
IMMS code - (Philomene Verlaan)
- 9:10 Comments, starting with countries that have programs in international waters:
China - (John Chen)
India - (K.A. Kamesh Raju)
Russia - (Georgy Cherkashov)
Other countries (e.g., France, Germany, Korea)
- 9:40 Protecting areas in the high seas and marine spatial planning - the developing
international picture - (Jeff Ardron)
- 9:55 Seafloor resource development in Papua New Guinea - (Samantha Smith)
- 10:10 Comments, starting with industry representatives:
Anglo American (Chris Carlon)
Teck (Jelena Puzic)
- 10:30-10:45 Break
- 10:45 Design and implementation of Marine Protected Areas in the deep sea - lessons from
manganese nodules and seamounts - (Craig Smith)
- 11:00-12:30 Moderated discussion (1.5 hrs) - (Craig Smith and Chris German)
- 12:30-1:30PM Lunch and take-down posters

MORSS COLLOQUIUM AND IR WG MEETING

Thursday, April 2, afternoon - Morss Colloquium

(open to the public - please see advertisement on back cover)

(location: Village Campus, Redfield Auditorium)

2:00PM Welcome and introduction - (Susan Avery, President and Director of WHOI)
Moderator for Morss Colloquium – (Mindy Todd, WCAI Cape & Islands NPR station)

Keynote speakers:

2:10 Science - (Maurice Tivey)

2:30 International Seabed Authority - (Nii Odunton)

2:50 Legal aspects - (Caitlyn Antrim)

3:10 Economics - (Rod Eggert)

3:30 Break

4:00 Moderated panel discussion
Keynote speakers (above)
Industry - (Samantha Smith)
NGO - (Sabine Christiansen)
ChEss - (Chris German)

5:00-6:30PM Closing reception: Refreshments at WHOI Exhibit Center

Friday, April 3 - InterRidge Working Group Meeting

(closed session)

(location: Quissett Campus, Clark South 271)

8:00-8:30AM Coffee

8:30 InterRidge Working Group meeting (closed session)

10:30-10:45 Break

10:45 InterRidge Working Group meeting (closed session)

12:30PM Lunch