

# Precious Metals from Deep-Sea Vents: Workshop Agenda

[Final agenda \(PDF\)](#)

## Workshop Agenda and Presentations

Wednesday, April 1 - Science Workshop

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? - \(Kim Juniper\)](#)  
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

Thursday, April 2, morning - Policy Workshop

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 - \(Philomene Verlaan\) Presentation: Slide](#)  
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

*Last updated: April 24, 2009*

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