

Microbial Dark Matter Annual Meeting - Agenda
Bigelow Laboratory for Ocean Sciences
April 2-7, 2018

NSF GoLife project “Untangling the Deep Genealogy of Microbial Dark Matter”
DOE JGI CSP project “Microbial Dark Matter project phase II - stepping deeper into unknown territory”
DOE JGI CSP project “Expanding the dark matter reference catalog by targeting taxonomic blind spots”

Meeting goals:

- Stimulate transformative research ideas and collaborations
- Ensure effective use of data, computational tools and other resources
- Make progress in manuscript preparation together with collaborating partners

Logistics notes:

- All attendees have to pre-register. The available space is limited to 45 attendees.
- Lodging and meals are provided on Bigelow Laboratory campus for a flat fee of \$800 for the length of the meeting (check-in 4/2, check-out 4/7) or \$300 for a single day (check-in 4/2, check-out 4/4).
- Please arrange for your own transportation. There is no public transportation to East Boothbay. Closest airports:
 - Portland, Maine (PWM), 1:30 h drive
 - Boston, Massachusetts (BOS), 3:30 h drive

April 2

Arrivals. Please check-in at:

Graham Shimmield Residence Hall
60 Bigelow Drive
East Boothbay, Maine 04544

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Boston, Massachusetts (BOS), 3:30 h drive

April 3

8:00 AM	Breakfast
9:00 AM	Welcome and agenda overview. Stepanauskas and Woyke.
9:20 AM	Science presentations by collaborating groups, 20 min each.
Noon	Lunch
1:00 PM	Tour of Bigelow Laboratory
2:00 PM	Science presentations continued
5:00 PM	Open discussion
5:30 PM	Dinner

April 4

8:00 AM	Breakfast
9:00 AM	Microbial phylogenomics overview, speaker TBD
10:00 AM	Overview of project data types, locations, share policy, analytical tools through IMG, JGI portal and GenBank. Various types of JGI products and their handling. Eric Becraft, Jessica Jarett, Ramunas Stepanauskas, Tanja Woyke.
11:00 AM	Own data exploration
Noon	Lunch
1:00 PM	Manuscript-specific breakout discussions
2:30 PM	Hike around Bigelow property, coffee break and re-grouping
3:30 PM	Manuscript-specific breakout discussions
5:00 PM	Brief presentations from each group
5:30 PM	Dinner

April 5

8:00 AM	Breakfast
9:00 AM	Short presentations of computational techniques
10:00 AM	Quality of genome and metagenome assemblies and ways to deal with data limitations. Presentations + open discussion. Stepanauskas, Woyke, Bowers?
11:00 AM	Own data exploration
Noon	Lunch
1:00 PM	Manuscript-specific breakout discussions
2:30 PM	Hike around Ocean Point, coffee break and re-grouping
3:30 PM	Manuscript-specific breakout discussions
5:00 PM	Brief presentations from each group
5:30 PM	Dinner

April 6

8:00 AM	Breakfast
9:00 AM	Anvi'o tutorial. A. Murat Eren.
11:00 AM	Own data exploration
Noon	Lunch
1:00 PM	Manuscript-specific presentation preparation
2:30 PM	Coffee break
3:30 PM	Presentations summarizing manuscript-specific discussions
5:00 PM	Concluding remarks
5:30 PM	Dinner

April 7

Departures. Please arrange for your own transportation. Closest airports:
Portland, Maine (PWM), 1:30 h drive
Boston, Massachusetts (BOS), 3:30 h drive

