

2006 DOE JGI User Meeting
March 29-April 1, 2006
Embassy Suites Hotel, Walnut Creek, CA

AGENDA

(All events will take place in the Embassy Suites Contra Costa Room unless otherwise noted.)

WEDNESDAY – March 29, 2006

<i>Start Time</i>	<i>End Time</i>	<i>Subject</i>	<i>Session Chair/Speaker</i>
5:30 PM	6:30 PM	<i>Registration, Welcome Reception</i> (<i>Location:</i> Embassy Suites, Atrium)	
6:30 PM	8:00 PM	Keynote Addresses:	
6:30 PM	7:15 PM	<i>Prochlorococcus: A model for systems biology</i> Penny Chisholm Lee and Geraldine Martin Professor of Environmental Studies, Dept. of Biology, MIT	
7:15 PM	8:00 PM	Post-Synthesis Genomics Drew Endy Assistant Professor, Biological Engineering Division, MIT	

THURSDAY – March 30, 2006

8:15 AM	8:45 AM	<i>Arrival, Registration</i>	
8:45 AM	9:00 AM	<u>Welcome, Introduction</u>	Eddy Rubin
9:00 AM	12:00 PM	<u>Session I: Large Eukaryotic Genomics</u>	Dan Rokhsar
9:00 AM	9:30 AM	The <i>Xenopus tropicalis</i> genome and its uses	Richard Harland
9:30 AM	10:00 AM	Plant genomics	Joe Ecker
10:00 AM	10:30 AM	Poplar genome	Jerry Tuskan
10:30 AM	11:00 AM	<i>Break</i>	
11:00 AM	11:30 AM	<i>Mimulus guttatus</i>	John Willis
11:30 AM	12:00 AM	<i>Chlamydomonas</i> genome	Arthur Grossman
12:00 PM	2:00 PM	<i>Lunch, Poster Session 1</i> (<i>Location:</i> Embassy Suites, Alameda Room)	
2:00 PM	5:00 PM	<u>Session II: Microbial Genomics</u>	Paul Richardson
2:00 PM	2:30 PM	In situ gene expression and genomic analysis of the Geobacteraceae	Dawn Holmes
2:30 PM	3:00 PM	Multiple genomes of <i>Shewanella</i> strains: what are we learning?	Ken Nealson
3:00 PM	3:30 PM	Post Genomic Studies in the Facultative Photosynthetic Bacterium, <i>Rhodospira rubra</i>	Sam Kaplan
3:30 PM	3:45 PM	<i>Break</i>	
3:45 PM	4:00 PM	The role of mismatch repair in the evolution of <i>Oenococcus oeni</i>	David Mills
4:00 PM	4:30 PM	Ethanol producing <i>E. coli</i>	Lonnie Ingram
4:30 PM	5:00 PM	The white rot fungus <i>Phanerochaete chrysosporium</i>	Dan Cullen
5:00 PM	5:30 PM	<i>Transportation to JGI</i> (Buses leave from the Embassy Suites Hotel Main Entrance)	
5:30 PM	8:00 PM	<u>Reception, Poster Session 2, Tour of JGI</u> (<i>Location:</i> JGI Conference Center)	
8:00 PM	8:30 PM	<i>Transportation from JGI to Embassy Suites</i>	

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FRIDAY – March 31, 2006

<i>Start Time</i>	<i>End Time</i>	<i>Subject</i>	<i>Session Chair/Speaker</i>
8:30 AM	12:30 PM	<u>Session III: Microbial Communities</u>	Jim Bristow
8:30 AM	9:00 AM	Phylogenetic and other approaches to binning of metagenomic sequences: theoretical and applied issues	Jonathan Eisen
9:00 AM	9:30 AM	A tale of two sludges	Phil Hugenholtz
9:30 AM	10:00 AM	Microbial community genomics in the ocean: from gene ecology to systems biology	Ed DeLong
10:00 AM	10:30 AM	Horizontal gene transfer in recent evolutionary history of Archaea	Rachel Whitaker
10:30 AM	11:00 AM	<i>Break</i>	
11:00 AM	11:30 AM	Sequencing the hindgut bacterial community from a wood-feeding termite species from Costa Rica	Jared Leadbetter
11:30 AM	12:00 AM	Bacteriophage DNA Polymerases and Other Surprises from Superheated Thermal Aquifers	David Mead
12:00 AM	12:15 PM	Deciphering symbiosis through metagenomic analysis of the bacterial consortium in a gutless worm	Nicole Dubilier
12:15 PM	12:30 PM	Complete Genome Sequences and Functional Genomics of Green Bacteria	Don Bryant
12:30 PM	2:00 PM	<i>Lunch, <u>Users Business Meeting</u></i>	
2:00 PM	4:45 PM	<u>Session IV: Technology Development</u>	Sue Lucas
2:00 PM	2:30 PM	Solexa technology	Gary Schroth
2:30 PM	3:00 PM	454 technology	Michael Egholm
3:00 PM	3:30 PM	Single Molecule Sequencing of DNA and RNA	Stan Lapidus
3:30 PM	3:45 PM	<i>Break</i>	
3:45 PM	4:15 PM	Integrating New Technologies into The JGI Microbial Program	Paul Richardson
4:15 PM	4:45 PM	Informatics: Surviving the data deluge	Darren Platt

SATURDAY – April 1, 2006

9:00 AM	1:00 PM	<u>Session V: IMG Workshop</u>	Nikos Kyrpides
9:00 AM	9:30 AM	JGI Microbial Genome Analysis pipeline	Athanasios Lykidis
9:30 AM	10:00 AM	Using IMG	Iain Anderson
10:00 AM	10:30 AM	Using IMG/M (IMG/metagenomes)	Natalia Ivanova
10:30 AM	10:45 AM	<i>Break</i>	
10:45 AM	11:00 AM	Future Developments of IMG	Nikos Kyrpides
11:00AM	11:45 AM	Hands-on IMG	
11:45 AM	12:15 PM	Discussion/Feedback	
12:15 PM	1:00 PM	Hands-on IMG, continued (optional)	
1:00 PM		End of 2006 JGI User Meeting	