The 2011 Department of Energy
Joint Genome Institute
(DOE JGI)

sixth annual

GENOMICS OF ENERGY & ENVIRONMENT MEETING

March 22-24
Walnut Creek, California

JGI
DOE JOINT GENOME INSTITUTE
US DEPARTMENT OF ENERGY
OFFICE OF SCIENCE

http://go.usa.gov/1FL

topics include:

Synthetic Biology • Ecogenomics and Ecoresilience of the Gulf Oil Spill • Hardware and Software Trends in Genomics Supercomputing • Computational Approaches to Massive Short Read Metagenomic Data Sets • Genomics of Biofuel Crops • Behavioral Genetics of Pollinating Bees • Microbiome Analyses from Humans to Shipworms • Metatranscriptomics of Marine Microbial Communities • Successful Transposable Elements Secrets • Great Prairie Soil Metagenomics

confirmed speakers include:

Peer Bork, European Molecular Biology Laboratory (EMBL)
Ed Buckler, Cornell University
Dan Distel, Ocean Genome Legacy
Dusko Ehrlich, French National Institute for Agricultural Research (INRA)
Terry Hazen, Lawrence Berkeley National Laboratory (LBNL)
Scott Hodges, University of California, Santa Barbara
Tom Juenger, University of Texas at Austin
Rob Knight, University of Colorado
Ruth Ley, Cornell University
Mary Ann Moran, University of Georgia
Magnus Nordborg, Gregor Mendel Institute
Gene Robinson, University of Illinois at Urbana-Champaign
Christopher Scholin, Monterey Bay Aquarium Research Institute (MBARI)
Stephan Schuster, Penn State University
Pam Silver, Harvard
Jim Tiedje, Michigan State University
Mike Thomashow, Michigan State University
Jerry Tuskan, Oak Ridge National Laboratory/DOE JGI
Sue Wessler, University of California, Riverside
Katherine Yelick, National Energy Research Scientific Computing Center (NERSC) at LBNL

workshops include:

Integrated Microbial Genomes (IMG)/Metagenomes data analysis systems http://img.jgi.doe.gov/

Mycocosm fungal genomics portal provides data access, visualization, and analysis tools for comparative genomics of fungi http://genome.jgi-psf.org/ programs/fungi/index.jsf

Phytozome provides data access and visualization tools for comparative plant genomics http://www.phytozome.net/

RNA Technologies & Analysis: a comprehensive suite for transcriptome interrogation, including RNA-Seq for expression profiling, etc.

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