

Genomics: GTL Contractor-Grantee Workshop VII
Lunchtime Speakers Schedule

Monday, February 9, 2009

Today's speakers were nominated by the Principal Investigators of their projects, and are recipients of the 2009 Genomics: GTL Conference Student Travel Grant. All speakers in this session will be at the posters for their projects today.

- 12.30 *Viruses Hijacking Cyanobacterial Carbon Metabolism*
Luke Thompson, Massachusetts Institute of Technology
- 12.40 *Mechanism of post-translational control of nitrogenase is revealed by analysis of constitutive hydrogen-producing mutants of Rhodospseudomonas palustris.*
Erin Heiniger, University of Washington
- 12.50 *Functional Identification and Characterization of Sugar-1-P Kinases in Arabidopsis*
Ting Yang, The University of Georgia
- 01.00 *Microalgal Biomass as Feedstock for Production of Hydrogen and Methane Fuels*
Mark B. Smith, Princeton University
- 01.10 *Metabolic optimality and trade-offs under combinatorial genetic and nutrient modifications*
David K. Byrne, Boston University
- 01.20 *Inference and integration of regulatory dynamics in metabolic network models*
William J. Riehl, Boston University
- 01.30 *GAUT12 (GALactUronosylTransferase 12): A Putative Glycosyltransferase Involved In Arabidopsis Secondary Cell Wall Biosynthesis*
Zhangying Hao, The University of Georgia, Athens

Tuesday, February 10, 2009

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- 12.30 *Adaptive Evolution of Geobacter sulfurreducens under Likely Subsurface Bioremediation Conditions Revealed with Genome Resequencing*
Zarath M. Summers, University of Massachusetts
- 12.40 *Synthetic lethality analysis based on the Escherichia coli metabolic model*
Alireza Zomorodi, The Pennsylvania State University
- 12.50 *Catalytic Processing of Carbohydrates for the Production of Liquid Fuels*
Drew J. Braden, University of Wisconsin-Madison
- 01.00 *Characterization of pectin acetyltransferase reveals critical roles of cell wall acetylation in plant growth and development*
Jin-Ying Gou, Biology Department, Brookhaven National Laboratory
- 01.10 *Identification of All Engineering Interventions Leading to Targeted Overproductions*
Sridhar Ranganathan, The Pennsylvania State University
- 01.20 *Simple Chemical Transformation of Lignocellulosic Biomass into Fuels and Chemicals*
Joseph B. Binder, Great Lakes Bioenergy Research Center