

Day	Sunday 4/3/2016	Monday 4/4/2016	Tuesday 4/5/2016	Wednesday 4/6/2016	Thursday 4/7/2016	Friday 4/8/2016
Biological themes	Welcome		Metabolism	Signaling, translation	Cell cycle, cell division	Signaling, proteomics
Mathematical / Computational themes		Databases, languages, standards	Ordinary differential equations, Flux-balance analysis	Rule-based, stochastic modeling	Kinetic, spatial modeling	Logical modeling
9:00-10:00 AM		Peter Karp <i>Data curation and pathway/genome databases</i>	Jörg Stelling <i>Central metabolism, ODE modeling</i>	James Faeder <i>Cell signaling and rule-based modeling</i>	Barbara Di Ventura <i>Cell division and spatial modeling</i>	Julio Saez-Rodriguez <i>Cell signaling and logical modeling</i>
10:00-11:00 AM		Tim Gardner <i>Automated experimentation</i>	Bas Teusink <i>Global metabolism, FBA</i>	Ian Stansfield <i>Translational regulation and stochastic modeling</i>	Edda Klipp <i>Cell cycle regulation and ODE modeling</i>	Anne Claude Gavin <i>Protein-protein interactions</i>
11:00-11:15 AM		Break	Break	Break	Break	Break
11:15-12:45 PM		Edda Klipp <i>Model standards: SBML, SED-ML, & SBGN</i>	Student Talks	Student Talks	Student Talks	Jonathan Karr <i>Systemizing and accelerating whole-cell modeling</i>
		Team building activity				Maria Lluch-Senar <i>Closing</i>
12:45-2:00 PM		Lunch	Lunch	Lunch	Lunch	Lunch and tour
2:00-4:00 PM		Peter Karp <i>BioCyc</i>	Veronica Llorens <i>Pathway modeling using ordinary differential equations</i>	Marie Trussart <i>Rule-based modeling</i>	Jonathan Karr <i>Whole-cell modeling</i>	
		Maria Lluch-Senar <i>Experimental genome annotation</i>				
4:00-4:15 PM		Break	Break	Break	Break	
4:15-6:15 PM		Samuel Miravet <i>Software engineering and testing</i>	Marc Weber <i>Genome-scale metabolic modeling using FBA</i>	Yin Hoon Chew <i>Model composition</i>	Jonathan Karr <i>Whole-cell modeling (continued)</i>	
		Maria Lluch-Senar <i>Welcome</i>				
6:15-8:00 PM		Jonathan Karr <i>Introduction to whole-cell modeling</i>	Community discussion <i>What should whole-cell models represent and predict?</i>	Community discussion <i>What should we learn and engineer with whole-cell models?</i>	Poster session	Poster session
8:00 PM -	Dinner					