
June 16th, 2005 (NOTE: The program you will receive @ the Symposium had been printed before Kirsten and Alejandro changed their talks to the times shown below.)

1:00 pm – 1:30 pm	Registration
1:30 pm – 2:00 pm	<i>Opening Remarks</i> Roger Brent President and Research Director The Molecular Sciences Institute
2:00 pm – 2:40 pm	<i>Kirsten Benjamin (MSI)</i> “Quantitative measurements and computational modeling of the mating response” (30 min)
2:45 pm – 3:15 pm	<i>Alejandro Colman-Lerner (MSI)</i> “Regulated cell to cell variation during mating response” (40 min)
3:15 pm – 3:30 pm	Coffee Break
3:30 pm – 4:00 pm	<i>Andrew Gordon (MSI)</i> “Quantitative fluorescence measurements on living cells” (30 min)
4:05 pm – 4:25 pm	<i>Kouichi Takahashi (MSI)</i> “Space in cellular signaling system - towards spatial modeling of the alpha pathway” (20 min)
4:30 pm – 5:30 pm	<i>Keynote Speaker-Judea Pearl</i> Professor, Computer Science Department, University of California, Los Angeles “Computational Semantics for Causal Inference”
5:30 pm -7:30 pm	Reception & Poster Session Upper Galleries

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9:00 am – 10:00 am	<i>Keynote Speaker-Gerry Sussman</i> Matsushita Professor of Electrical Engineering, MIT “How people devise formalisms”
10:05 am – 10:35 am	<i>Marc Riedel (Caltech)</i> “Probabilistic analysis of chemical reactions” (30 min)
10:40 am – 11:00 am	<i>Richard D. Smith (PNNL)</i> “Making quantitative and high throughput measurements of the phosphoproteome” (20 min)
11:05 am – 11:20 am	Break
11:20 am – 12:15 pm	<i>Karen Sachs (MIT)</i> “Probabilistic modeling of single cell data for elucidation of signaling pathways” (40 min)
12:20 pm – 12:40 pm	<i>Drew Endy (MIT)</i> “Towards a productive interaction between biology and engineering”
12:45 pm – 1:00 pm	Concluding remarks