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# Workshop on the Economy of a Cell: Resource Allocation, Trade-Offs and Efficiency in Living Systems | (smr 2588)

## Thursday 26 June 2014

**- LB (Euler Lecture Hall) (09:00-19:00)**

time	title	presenter
09:00	Keynote Speaker - What matters in the cell: Economy or speed?	STEFAN SCHUSTER
10:00	Plenary Speaker - The costs and benefits of microbial procrastination	MIKE SPRINGER
10:40	Coffee break	
11:20	A toy model for dynamic metabolic adaptations	BENJAMIN PFEUTY - CONTRIBUTED SPEAKER
11:50	Uniform sampling of steady states in metabolic networks: scales heterogeneity and ill-conditioning	DANIELE DE MARTINO - CONTRIBUTED SPEAKER
12:20	Lunch break	
14:00	The energetic cost of cellular computation	PANKAJ MEHTA - KEYNOTE SPEAKER
15:00	Identification of pathway regulation in prokaryotes using dynamic optimization	D. SCHUSTER
15:30	Coffee break	
16:00	Phenotypic Heterogeneity in Bacteria: on Noise in Metabolism and Growth	DANIEL J. KIVIET - CONTRIBUTED SPEAKER
16:30	How the cell balances resources and tasks: Evaluating the Efficiency of Metabolic Networks	LORENZO CASTELLI - CONTRIBUTED SPEAKER
17:00	POSTER SESSION (Poster Gallery)	