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Advanced School on Quantitative Principles in Microbial Physiology: from Single Cells to Cell Communities | (smr 3879)

Friday 06 October 2023

- Budinich Lecture Hall (Leonardo Building) (09:30-17:00)

time	title	presenter
09:30	From environmental responses at the organismal level to community properties - Part III	MARTINA DAL BELLO
10:30	Evolutionary adaptation of microbes to grow fast at low concentrations of nutrients	JUSTUS FINK
11:00	Coffee Break	
11:30	Mechanistic models of bacterial growth	ANDREA WEISSE
12:20	The collective metabolism of microbial communities is driven by proteome efficiency of individuals – a perspective	MATTHIAS HUELSMANN
12:50	Lunch Break	
14:30	Multiscale experimental evolution of antibiotic resistance	AYARI FUENTES-HERNANDEZ
15:20	Optimal enzyme profiles in metabolic pathways: principles and simple solutions	ELAD NOOR
15:50	Flux Balance Analysis	
15:50	Group work on book	