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Workshop on Physical Virology | (smr 3134)

Tuesday 18 July 2017

Tuesday, 18 July - Leonardo Building - Budinich Lecture Hall (09:00-17:10)

time	title	presenter
09:00	Viral vs. Random-Sequence RNA vs. Randomly Branched Polymer	AVINOAM BEN-SHAUL
09:40	In Vitro Reconstitution of Virus-Like Particles for the Delivery of Self-Replicating RNA Genes	WILLIAM GELBART
10:20	Coffee break	
10:50	Influence of Mutations on the Compactness of Viral ssRNA Genomes. A Detailed Computational Study of MS2 and BMV RNA2	LUCA TUBIANA
11:30	Assembly and Mechanics of Viral and Non-viral Protein Shells	WOUTER ROOS
12:10	Lunch break	
14:00	Assembly Pathway of a Small Spherical Virus and Structural Determinants of Its Mechanical Properties	MAURICIO G. MATEU
14:40	Viral Self-Assembly and Mechanical Stress Relaxation	MARTIN CASTELNOVO
15:20	Coffee break	
15:50	How to Control the Size of A Protein Shell	MICHAEL HAGAN