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Workshop on Physical Virology | (smr 3134)

Monday 17 July 2017

Monday, 17 July - Leonardo Building - Budinich Lecture Hall (08:30-19:30)

time	title	presenter
08:30	Registration & Administrative Formalities	
10:10	Opening and Welcome address	
10:20	Packaging Signal Mediated Assembly in RNA Viruses: Mechanisms, Evolutionary Consequences and Therapy	REIDUN TWAROCK
11:00	Harnessing Coherence in Light and Matter - A Virus Assembly Approach	BOGDAN DRAGNEA
11:40	Self-Assembly Dynamics of Linear Virus-Like Particles: Theory and Experiment	PAUL VAN DER SCHOOT
12:20	Lunch break	
14:00	Dynamics of in vivo Bacteriophage Genome Ejection	WILLEM KEGEL
14:40	Packaging Stiff Polymers in Small Containers: A Molecular Dynamics Study	DENNIS RAPAPORT
15:20	Coffee break	
15:50	Atomic Force Microscopy of Virus Capsids Uncover the Interplay between Mechanics, Structure and Function	PEDRO J. DE PABLO GOMEZ
16:30	Electrostatic Foundations of Virus Assembly	MURUGAPPAN MUTHUKUMAR
17:10	Poster Session	
18:00	Get-together for all Participants	