## The 2016 Berkeley Statistical Mechanics Meeting January 8 – 10, 2016

Friday, Janu	Friday, January 8, 2016				
2:00 pm	Registration & Check-In	<b>Bixby Commons</b>			
4:00 pm	Poster Session I - Two-minute Talks David Limmer Presiding	120 Latimer Hall			
5:00 pm	Poster Session I - Discussions & Light Reception	Tan Hall Lobby			
Saturday, Ja	nuary 9, 2016				
7:45 am	Breakfast	Tan Hall Lobby			
7:45 am	Dieakiast	Tan Han Lobby			
8:45 am	Introductory Remarks Phill Geissler	120 Latimer Hall			
Saturday Le	cture Session I – Discussion chair: Joel Moore	120 Latimer Hall			
9:00 am	Juan Garrahan, University of Nottingham "Dynamical constraints, metastability and quantum non-ergodicity"				
9:30 am	Dmitry Abanin, University of Geneva "Ergodicity, entanglement, and many-body localization"				
10:00 am	Chris Laumann, University of Washington "Many-body localization with long-range interactions"				
10:30 am	Coffee Break	Tan Hall Lobby			
Saturday Le	cture Session II – Discussion chair: Todd Gingrich	120 Latimer Hall			
10.45	Dieter Dein ten Welde FOM In-444-4- AMOLE				
10:45 am	Pieter Rein ten Wolde, FOM Institute AMOLF "The thermodynamics of biochemical copying"				
11:15 am	Satya Majumdar, Université de Paris-Sud "Diffusion with stochastic resetting"				
11:45 am	Robert Jack, University of Bath				
12:15 pm	Lunch	775 Tan Hall			

Saturday Lo	ecture Session III – Discussion chair: Michael Hagan	120 Latimer Hall
2:00 pm	Peter Bolhuis, University of Amsterdam "Putting a twist on patchy particle association"	
2:30 pm	Rebecca Schulman, Johns Hopkins University "Exploring environmentally adaptive self-assembly with DNA tile na	notubes"
3:00 pm	Aleksandra Walczak, Ecole Normale Supérieure "Optimal immune systems"	
3:30 pm	Coffee Break	Tan Hall Lobby
Saturday Le	ecture Session IV – Discussion chair: Suri Vaikuntanathan	120 Latimer Hall
3:45 pm	Gürol Süel, University of California, San Diego "Electrical signaling and oscillations in bacterial biofilms"	
4:15 pm	Paul Chaikin, New York University "Random organization, hyperuniformity and photonic bandgaps"	
5:15 pm	Coffee Break	
5:30 pm	Poster Session II – Two minute talks	120 Latimer Hall
6:30 pm	Poster Session II – Discussions & Light Reception	Tan Hall Lobby
Sunday, Jan	nuary 10, 2015	
7:45 am	Breakfast	Tan Hall Lobby
Sunday Lec	ture Session I – Discussion chair: Sarah Keller	120 Latimer Hall
9:00 am	Tobias Baumgart, University of Pennsylvania "Shape instabilities of lipid bilayer membranes"	
9:30 am	Lutz Maibaum, University of Washington "Spatial organization of lipid membranes and peripheral proteins"	
10:00 am	Sarah Veatch, University of Michigan "Phases and fluctuations in biological membranes"	
10:30 am	Coffee Break	Tan Hall Lobby

10:45 am	David Reichman, Columbia University "Taming the dynamical sign problem in real-time evolution of quantum many-body	
11:15 am	problems"  David Ceperley, University of Illinois, Urbana-Champaign	
	"The liquid-liquid transition in dense hydrogen"	

120 Latimer Hall

11:45 am Michele Parrinello, ETH Zurich "Variationally enhanced sampling"

Sunday Lecture Session II – Discussion chair: Eric Neuscamman

12:15 pm Closing Remarks: Phill Geissler

12:30 pm Dim Sum Party 775 Tan Hall