

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

Friday, January 8, 2016

2:00 pm	Registration & Check-In	Bixby Commons
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, January 9, 2016

7:45 am	Breakfast	Tan Hall Lobby
8:45 am	Introductory Remarks Phill Geissler	120 Latimer Hall

Saturday Lecture Session I – Discussion chair: Joel Moore **120 Latimer Hall**

9:00 am	Juan Garrahan, University of Nottingham <i>“Dynamical constraints, metastability and quantum non-ergodicity”</i>
9:30 am	Dmitry Abanin, University of Geneva <i>“Ergodicity, entanglement, and many-body localization”</i>
10:00 am	Chris Laumann, University of Washington <i>“Many-body localization with long-range interactions”</i>
10:30 am	Coffee Break Tan Hall Lobby

Saturday Lecture Session II – Discussion chair: Todd Gingrich **120 Latimer Hall**

10:45 am	Pieter Rein ten Wolde, FOM Institute AMOLF <i>“The thermodynamics of biochemical copying”</i>
11:15 am	Satya Majumdar, Université de Paris-Sud <i>“Diffusion with stochastic resetting”</i>
11:45 am	Robert Jack, University of Bath
12:15 pm	Lunch 775 Tan Hall

Saturday Lecture Session III – Discussion chair: Michael Hagan	120 Latimer Hall
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- 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 nanotubes”
- 3:00 pm** **Aleksandra Walczak, Ecole Normale Supérieure**
“Optimal immune systems”
- 3:30 pm** **Coffee Break** **Tan Hall Lobby**

Saturday Lecture Session IV – Discussion chair: Suri Vaikuntanathan	120 Latimer Hall
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- 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, January 10, 2015

- 7:45 am** **Breakfast** **Tan Hall Lobby**

Sunday Lecture Session I – Discussion chair: Sarah Keller	120 Latimer Hall
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- 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**

