

		Arrival Day	Day 1	Day 2	Day 3	Day 4	Day 5
Date		Sunday, March 27	Monday, March 28	Tuesday, March 29	Wednesday, March 30	Thursday, March 31	Friday, April 1
Morning	8:00-9:00 Talks		Josh Shaevitz (Phase transitions and pattern formation in populations of social bacteria)	Moti Fridman "Synchronization of complex human networks"	Greg Stephens "Social dynamics in fighting zebrafish"	Zack Kilpatrick "Diversity and heterogeneity can improve the efficiency of collective decisions"	Oleg Igoshin "Mechanisms of self-organization behaviors in <i>Myxococcus xanthus</i> bacteria"
	9-9:30 Talks		Emily Hager "Observing microbial collective behavior in complex, natural environments"	Raphael Sarfati "Social Interactions and Self-Organization in Firefly Swarms"	Caleb Weineb "Shifting neural correlates of dyadic behavior 'syllables' across stages of an aggressive encounter"	Avaneesh Narla "A traveling-wave solution for bacterial chemotaxis with growth"	Sam Zhang "The Stochastic Dynamics of Faculty Productivity"
	9:30-9:50 Break						
	9:50-10:50 Talks		Orit Peleg "Collective behavior of bees and fireflies"	Theo Geisel "Interactions in musical performances and the riddle of swing"	Elad Schneidman (TBD)	Alice Schwarze "the coevolution of alcohol consumption and social networks of college students"	Group discussion
	10:50-11:20 Talks		Anne Polyakov "Modeling the mechanisms of nutrient transfer and signaling between plants through mycorrhizal networks"	Grace McKenzie-Smith (TBD social interactions in bees)	Carole Hall "How the complexity of Adélie penguin colony shape relates to the chance of colony collapse"	Subekshya Bidari "Stochastic dynamics of social patch foraging decisions"	Block Award announced Morning team talks or breakout sessions or wrap-up
Mid-Day Recess	11:20-4:30 Break			Recess with group lunch on mountain at 1:00 (non-skiers buy \$40 foot-pass)	Snow shoeing in Apsen		
Afternoon	4:30-5:40 Talks		Heather Lynch "When the "selfish herd" becomes the "frozen herd": The statistical mechanics of penguin colonies"	Marcelo Magnasco "The novel/tandem paradigm and dolphin cooperation"	4:30-5:30 Physics Café(s) [Marcelo Magnasco and Theo Geisel] 5:30-6:30 Public Lecture [Heather Lynch]	2 short talks: (1) Tzu-Chi Yen "Construction of simplicial complexes with prescribed degree-size sequences" (2) Owen Martin "Synchronization dynamics of firefly-LED systems"	
	5:40-6:00 Break						
	6:00-7:00 Talks		Ramin Golestanian "Self-organization via non-reciprocal interactions "	Ann Kennedy (TBD)			
	7:00-7:30 Talks		Scott Wolf Multi-animal Pose Tracking using deep neural networks	Ugne Klibaite "High-resolution description of naturalistic social interactions in rodents"			
Evening		7:00 Dine-Around at Hickory House/Meadows Bar	7:45 Dine-Around in town		7:00 Dinners in town		