

Conference in honor of Michael Hartley Freedman

June 6-10, 2011, UC Berkeley

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Program

All talks will take place in Stanley 105. Breaks will be in Stanley Hall Atrium.

Monday - June 6, 2011		
8:45am-9:30am Coffee and Pastries		
9:30am-10:30am	Martin Scharlemann (UC Santa Barbara)	Fibered knots and potential counterexamples to the Property 2R and Slice-Ribbon Conjectures
10:30am-11am Coffee Break		
11am-12pm	Rob Schneiderman (Lehman College CUNY)	Higher-order intersections in low-dimensional topology
Break for Lunch		
2pm-3pm	Ron Fintushel (Michigan State)	Smooth 4-manifolds: 2011
3pm-3:30pm Coffee Break		
3:30pm-4:30pm	Ko Honda (USC)	HF=ECH via open book decompositions
Break		
BBQ at 6:15pm		

Tuesday - June 7, 2011		
8:45am-9:30am Coffee and Pastries		
9:30am-10:30am	Yakov Eliashberg (Stanford)	Flexible and rigid Weinstein manifolds
10:30am-11am Coffee Break		
11am-12pm	Edward Witten (IAS)	Gauge Theory And Khovanov Homology
Break for Lunch		
2pm-3pm	Catharina Stroppel (Bonn)	Fractional Euler characteristics and completed Grothendieck groups
3pm-3:30pm Coffee Break		
3:30pm-4:30pm	Frank Quinn (Virginia Tech)	Topology in the mystery dimension
Break		
'Live Band'		

Wednesday - June 8, 2011		
8:45am-9:30am Coffee and Pastries		
9:30am-10:30am	Clifford Taubes (Harvard)	The geometry of large curvature
10:30am-11am Coffee Break		
11am-12pm	Michael Hutchings (UC Berkeley)	Applications of embedded contact homology
Break for Lunch		
2pm-3pm	Ben Webster (University of Oregon)	Categorification, Lie algebras and topology
3pm-3:30pm Coffee Break		
3pm-4:30pm	Yanki Lekili (Cambridge)	Fukaya category of the punctured torus
Break		
'Climbing Gym'		

Thursday - June 9, 2011		
8:45am-9:30am Coffee and Pastries		
9:30am-10:30am	Peter Teichner (UC Berkeley/MPI Bonn)	Higher categories for low-dimensional topologists
10:30am-11am Coffee Break		
11am-12pm	David Gay (Iowa)	Low-dimensional Morse 2-functions
Break for Lunch		
2pm-3pm	Katrin Wehrheim (MIT)	3-dimensional manifolds and symplectic categories
3pm-3:30pm Coffee Break		
3:30pm-4:30pm	Scott Morrison (UC Berkeley)	Khovanov homology for 4-manifolds.
Break		
'Banquet'		

Friday - June 10, 2011		
8:45am-9:30am Coffee and Pastries		
9:30am-10:30am	Cameron Gordon (UT Austin)	Exceptional Dehn filling
10:30am-11am Coffee Break		
11am-12pm	Sergei Gukov (CalTech)	The homological algebra of knots and BPS states
Break for Lunch		
2pm-3pm	Slava Krushkal (Virginia)	The A-B slice problem
3:30pm - 4:30pm Discussion lead by Bob Edwards		