

Program for the workshop Geometry and Topology

Monday, June 1, 2009		
9:15	Lück	Welcome & Announcement
9:30 – 10:15	Madsen	An integral Riemann-Roch theorem for surface bundles
10:30 – 11:15	Colding	Singularities of mean curvature flow
Coffee break		
12:00 – 12:45	Carlsson	Topology and Data
Lunch		
15:00 – 15:45	Stolz	Traces in braided monoidal categories
Coffee break		
16:30 – 17:15	Bartels	Non-positively curved groups and the Borel conjecture

Tuesday, June 2, 2009		
9:30 – 10:15	Hopkins	The Kervaire invariant
10:30 – 11:15	Hofer	A Generalized Fredholm Theory and The Analytic Foundations of Symplectic Field Theory
Coffee break		
12:00 – 12:45	Auroux	Fukaya categories and Heegaard-Floer homology
Lunch		
15:00 – 15:45	Teichner	Field theory and algebraic topology
Coffee break		
16:30 – 17:15	Schwede	Triangulated categories: enhancements, rigidity and exotic models
17:30 – 18:15	Lott	Locally Collapsed 3-Manifolds

Wednesday, June 3, 2009		
9:30 – 10:15	Eliashberg	Symplectic topology of Stein manifolds
10:30 – 11:15	Bridson	Actions of mapping class groups on CAT(0) spaces
Coffee break		
12:00 – 12:45	Stern	If smooth 4-manifolds are puzzling, what are the pieces?
Lunch		
15:00 – 15:45	Vogtmann	Actions of automorphism groups of free groups
Coffee break		
16:30 – 17:15	Hopkins	The Kervaire invariant

Thursday, June 4, 2009		
9:30 – 10:15	Higson	The Baum-Connes Conjecture and Parametrization of Group Representations
10:30 – 11:15	Weiss	Spaces of regular smooth maps to the plane
Coffee break		
12:00 – 12:45	Galatius	Monoids of moduli spaces of manifolds
Lunch		
15:00 – 15:45	Hesselholt	Algebraic K-theory and homeomorphisms of manifolds
Coffee break		
16:30 – 17:15	Hopkins	The Kervaire invariant

Friday, June 5, 2009		
9:30 – 10:15	Gabai	The connectivity of ending laminations space
10:30 – 11:15	Kapovich	Outer space and geodesic currents
Coffee break		
12:00 – 12:45	Kreck	Gaussian codes, manifolds and lattices