

2014 Graduate Student Topology & Geometry Conference Schedule

Saturday, April 5th:

*The number of ****'s next to a talk indicates its difficulty.*

8am-9am	Registration & Coffee Welch Hall - Lobby			
9am-10am <i>Plenary Session #1</i>	Morse 2-functions and trisections of 4-manifolds <i>Robion Kirby</i> Welch Hall – Room 1.316			
10am-10:30am	Break			
10:30am-10:55am <i>Graduate Session #1</i>	Spectral cotangent space**** <i>Eric Peterson</i> Welch Hall - Room 2.256	Small Seifert Fibred Spaces obtained by Dehn surgery* <i>Fjodor Gainullin</i> Welch Hall – Room 2.304	On SFT invariants of complement of an ample normal crossing divisor in a projective variety**** <i>Khoa Nguyen</i> Welch Hall - Room 2.308	Strong positive curvature*** <i>Renato Bettiol</i> Welch Hall – Room 2.312
10:55am-11:10am	Short Break			
11:10am-11:35am <i>Graduate Session #2</i>	Equivariant Chern Character on Loop Space*** <i>Thomas McCauley</i> Welch Hall - Room 2.256	Sutured Annular Khovanov Homology is not Mutation Invariant** <i>Diana Hubbard</i> Welch Hall – Room 2.304	New Exotic 4-Manifolds via Luttinger Surgery on Lefschetz Fibrations*** <i>Nur Saglam</i> Welch Hall - Room 2.308	Moving Frames and Geometric Invariants** <i>Benjamin McMillan</i> Welch Hall – Room 2.312
11:35am-11:50am	Short Break			
11:50am-12:15pm <i>Graduate Sesion #3</i>	Representing Classes in SU-Cobordism*** <i>John Mosley</i> Welch Hall – Room 2.256	Seiberg-Witten Theory as a Spectrum-Valued TQFT** <i>Henry Horton</i> Welch Hall - Room 2.304	Pants decompositions and layered models* <i>Pengcheng Xu</i> Welch Hall - Room 2.308	Parabolic equivariant geometry in representation theory**** <i>Mee Seong Im</i> Welch Hall – Room 2.312
12:15pm-2:00pm	Lunch Break			
2:00pm-3:00pm <i>Young Faculty Session #1</i>	Floer homology and Dehn surgery <i>Josh Greene</i> Welch Hall – Room 2.246		Lagrangian immersions and the Floer homotopy type <i>Mohammed Abouzaid</i> Welch Hall – Room 3.502	
3:10pm-3:35pm <i>Graduate Session #4</i>	Calculations using Chern Classes of equivariant bundles* <i>Jean Verrette</i> Welch Hall - Room 2.256	Three-manifold mutations detected by Heegaard Floer homology*** <i>Corrin Clarkson</i> Welch Hall – Room 2.304	Elliptic Actions on Teichmuller Space** <i>Matthew Durham</i> Welch Hall - Room 2.308	Holomorphic branes correspond to perverse sheaves**** <i>Xin Jin</i> Welch Hall – Room 2.312
3:35pm-4:05pm	Tea Break			
4:05pm-4:30pm <i>Graduate Session #5</i>	The Galois group of a stable homotopy theory**** <i>Akhil Mathew</i> Welch Hall - Room 2.256	Stability of the Colored Jones Polynomial* <i>Christine Lee</i> Welch Hall – Room 2.304	Exact Lagrangian caps of Legendrian knots** <i>Francesco Lin</i> Welch Hall - Room 2.308	Length spectra and strata of flat metrics** <i>Ser-Wei Fu</i> Welch Hall – Room 2.312
4:30pm-4:55pm	Break			
4:55pm-5:55pm <i>Young Faculty Session #2</i>	Surgery on 4-manifolds and the importance of embedded surfaces <i>Nathan Sunukjian</i> Welch Hall – Room 2.246		ABCDuality <i>Vesna Stojanoska</i> Welch Hall – Room 3.502	
6:30pm	Dinner at Scholtz Garten			

Sunday, April 6th:

The number of ***'s next to a talk indicates its difficulty.

8am-9am	Coffee Welch Hall - Lobby			
9am-10am <i>Plenary Session #2</i>	Tian-Todorov theorem for varieties with potentials <i>Tony Pantev</i> Welch Hall – Room 1.316			
10am-10:15am	Short Break			
10:15am-10:40am <i>Graduate Session #6</i>	Geometric Transitions of the Cartan Subgroup in $SL(n, \mathbb{R})$ ** <i>Arielle Leitner</i> Welch Hall - Room 2.256	Lescop's invariant and gauge theory*** <i>Prayat Poudel</i> Welch Hall - Room 2.304	Two-component link maps in the 4-sphere** <i>Ash Lightfoot</i> Welch Hall - Room 2.308	The Concentration Principle*** <i>Manousos Maridakis</i> Welch Hall - Room 2.312
10:45am-11:10am <i>Graduate Session #7</i>	Factorization homology and configuration spaces**** <i>Ben Knudsen</i> Welch Hall - Room 2.256	Hyperbolic pretzel knots with the same volume and systole length*** <i>Christian Millichap</i> Welch Hall - Room 2.304	On Infection By A String Link** <i>Diego Vela</i> Welch Hall - Room 2.308	Fixed Points in Higgs Bundle Moduli Space** <i>Brian Collier</i> Welch Hall – Room 2.312
11:10am-11:25am	Short Break			
11:25am-12:25pm <i>Young Faculty Session #3</i>	The Fukaya category of a cubic surface <i>Nick Sheridan</i> Welch Hall – Room 2.246		Quasi-category theory you can use <i>Emily Riehl</i> Welch Hall – Room 3.502	