

Last updated June 20

Schedule

Young Topologists Meeting 2012

Monday – Auditorium 4

8:30 – 9:30	Registration and cash handout	
9:30 – 9:45	Welcome	
9:45 – 10:45	Lecture: <i>Michael Hopkins</i>	Equivariant stable homotopy theory I
10:45 – 11:15	Break	
11:15 – 11:45	Talk: <i>Lennart Meier</i>	Module spectra over real K-theory and TMF
12:00 – 12:30	Talk: <i>Sebastian Öberg</i>	Continuity and classifications
12:30 – 14:00	Lunch	
14:00 – 14:30	Talk: <i>Kate Poirier</i>	Compactifying string topology
14:45 – 15:15	Talk: <i>Alexander Kupers</i>	Higher string operations using radial slits configurations
15:15 – 15:45	Coffee break	
15:45 – 16:15	Talk: <i>Simon Naarmann</i>	Transfer in generalized cohomology theories
16:30 – 17:00	Talk: <i>Helene Sigloch</i>	Classification of Vector Bundles

Tuesday – Auditorium 4

9:00 – 10:00	Lecture: <i>Søren Galatius</i>	Homology of moduli spaces of manifolds I
10:15 – 10:45	Talk: <i>Andrew Russhard</i>	p -th power maps on quasi p -regular Lie groups
10:45 – 11:15	Coffee break	
11:15 – 11:45	Talk: <i>Markus Upmeyer</i>	Products in Differential Cohomology
12:00 – 12:30	Talk: <i>Kohei Tanaka</i>	Reconstruction of manifolds from their Morse functions
12:30 – 14:00	Lunch	
14:00 – 14:30	Talk: <i>Neset Deniz Turgay</i>	Conjugation invariants in the Leibniz-Hopf

14:45 – 15:15	Talk: <i>Mirjam Solberg</i>	algebra Braided commutative monoids and double loop spaces
15:15 – 15:45	Coffee break	
15:45 – 17:00	Gong show. Speakers in order: <i>Tan Li, Andrea Cesaro, Torleif Veen, Ulrich Pennig, Moritz Rodenhausen, María José Pereira-Sáez.</i>	

Wednesday – Auditorium 2

9:00 – 10:00	Lecture: <i>Michael Hopkins</i>	Equivariant stable homotopy theory II
10:15 – 10:45	Talk: <i>Fabian Hebestreit</i>	The Bordism Approach to Scalar Curvature
10:45 – 11:15	Coffee break	
11:15 – 11:45	Talk: <i>Rosona Eldred</i>	Calculus of Functors and Nilpotence
12:00 – 12:30	Talk: <i>Cary Malkiewich</i>	Thom Spectra as Linear Approximations
12:30 – 14:00	Lunch	
Rest of the afternoon	Excursion	

Thursday – Auditorium 2

9:00 – 10:00	Lecture: <i>Søren Galatius</i>	Homology of moduli spaces of manifolds II
10:15 – 10:45	Talk: <i>Sebastian Thomas</i>	On the triangulated structure of homotopy categories
10:45 – 11:15	Coffee break	
11:15 – 11:45	Talk: <i>Matthias Spiegel</i>	K-Theory of Intersection Spaces
12:00 – 12:30	Talk: <i>Barbara Di Fabio</i>	Mayer-Vietoris formulas for persistent homology
12:30 – 14:00	Lunch	
14:00 – 14:30	Talk: <i>Martin Palmer</i>	Configuration spaces and homological stability
14:45 – 15:15	Talk: <i>Hector Cordova Bulens</i>	Higher order linking numbers
15:15 – 15:45	Coffee break	
15:45 – 17:00	Gong show. Speakers in order: <i>Peter Arndt, Sam Nariman, Paul Arnaud Songhafouo Tsopméné, Eric Malm, Federico Cantero.</i>	
19:00	Conference dinner	

Friday – Auditorium 2

9:00 – 10:00	Lecture: <i>Michael Hopkins</i>	Equivariant stable homotopy theory III
10:15 – 10:45	Talk: <i>Kazunori Noguchi</i>	The Euler characteristic and the zeta function for finite categories
10:45 – 11:15	Coffee break	
11:15 – 11:45	Talk: <i>Robin Koytcheff</i>	A colored operad for infection of string links
12:00 – 12:30	Talk: <i>Thomas Nikolaus</i>	Algebraic K-Theory of oo-Operads
12:30 – 14:00	Lunch	
14:00 – 14:30	Talk: <i>Kristen Mazur</i>	A Characterization of Tambara Functors
14:45 – 15:15	Talk: <i>Irakli Patchkoria</i>	Rigidity in equivariant stable homotopy theory
15:15 – 15:45	Coffee break	
15:45 – 16:15	Talk: <i>Inna Zakharevich</i>	K-theory as a multifunctor
16:30 – 17:00	Talk: <i>Sam Nolen</i>	Some applications of the cobordism hypothesis