

“TQFT and Geometry”, CTQM Workshop, 18-22 June 2007
All lectures in the Lakeside Lecture Theatres, bldg. 1.252, room 204, aud. 3.

PROGRAMME

Mon 18	08:00-09:15	REGISTRATION at Janne Christensen’s office, bldg. 1.530, 2 nd . floor, room A2.33.
	09:30-10:30	<i>Dijkgraaf-Witten Invariants of Surfaces and Projective Representations of Finite Groups</i> Vladimir Turaev
	10:30-11:00	Coffee break
	11:00-12:00	<i>Combinatorial Heegaard-Floer Homology</i> Dylan Thurston
	12:00-14:00	Lunch (Math. Canteen)
	14:00-15:00	<i>Geometry of Root Lattices and Quantum Invariants</i> Adam Sikora
	15:00-15:30	Coffee break
	15:30-16:30	<i>Simplification of the Combinatorial Link Floer Homology</i> Anna Beliakova
Tue 19	09:30-10:30	<i>HOMFLY Polynomial of KL Basis Elements</i> Jacob A. Rasmussen
	10:30-11:00	Coffee break
	11:00-12:00	<i>Virtual Crossings and Categorification</i> Lev Rozansky
	12:00-14:00	Lunch (Math. Canteen)
	14:00-15:00	<i>A Resurgence Conjecture in Quantum Topology and its Applications</i> Stavros Garoufalidis
	15:00-15:30	Coffee break
	15:30-16:30	<i>TQFT and the Nielsen-Thurston Classification of Surface Homeomorphisms</i> Gregor Masbaum
Wed 20	09:30-10:30	<i>Algebraic Knot Theory</i> Dror Bar-Natan
	10:30-11:00	Coffee break
	11:00-12:00	<i>New Knot Polynomials</i> Thomas Fiedler
	12:00-14:00	Lunch (Math. Canteen)
	14:00-15:00	<i>Towards an Algebro-Geometric Proof of Razumov-Stroganov Conjecture?</i> Paul Zinn-Justin
	15:00-15:30	Coffee break
	15:30-16:30	<i>Resurgence of 1-Dimensional Sums of q-Factorials</i> Stavros Garoufalidis
Thu 21	09:30-10:30	<i>Perturbative Gauge Theory and Arithmetic Topology</i> Sergei Gukov
	10:30-11:00	Coffee break
	11:00-12:00	<i>Branes on Generalized Complex Four-Manifolds</i> Marco Gualtieri
	12:00-14:00	Lunch (Math. Canteen)
	14:00-15:00	<i>Mixed Hodge Polynomials of Character Varieties</i> Tamas Hausel
	15:00-15:30	Coffee break
	15:30-16:30	<i>Strong Integrality of the Witten-Reshetikhin-Turaev Invariants</i> Thang Le
16:45-	Problem Session	
Fri 22	09:30-10:30	<i>Symmetrically Factorized Groups and Ring-Valued Invariants of Pairs of Topological Spaces</i> Rinat Kashaev
	10:30-11:00	Coffee break
	11:00-12:00	<i>Hopf Monads</i> Alexis Virelizier
	12:00-14:00	Lunch (Math. Canteen)
	14:00-15:00	<i>An Orbifold Elliptic Genus Formula and Two Examples of Witten’s Half-Twisted Algebra</i> Fedor Malikov
	15:00-15:30	Coffee break
	15:30-16:30	<i>The Geometry of Soergel Bimodules</i> Ben Webster
	18:00-	Dinner at Restaurant Le Régal, Nørre Alle 55, Aarhus C.