2011 CBMS-NSF Conference: 3-Manifolds, Artin Groups and Cubical Geometry

August 1-5, 2011, CUNY Graduate Center, New York City
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Lectures will take place in Room 4102 at the CUNY Graduate Center, located at 365 Fifth Avenue across the street from the Empire State Building. Coffee, bagels and lunch will be served in Room 4214 (the Math lounge). The banquet will be held on the evening of Wednesday, August 3, at 6pm at a nearby restaurant.

Monday	Tuesday	Wednesday	Thursday	Friday
9:00 - 9:45 Coffee & bagels	9:00 - 9:45 Coffee & bagels	9:00 - 9:45 Coffee & bagels	9:00 - 9:45 Coffee & bagels	9:00 - 10:00 **Dani Wise** *The structure of groups with a quasiconvex hierarchy*
9:45 - 10:45 **Dani Wise** *Overview*	9:45 - 10:45 **Dani Wise** *Special Cube Complexes*	9:45 - 10:45 **Dani Wise** *Cubulating Malnormal Amalgams of Cubulated Groups*	9:45 - 10:45 **Dani Wise** *Walls in Cubical Small-Cancellation Theory*	10:10 - 11:10 **Nathan Dunfield** *Twisted Alexander polynomials, hyperbolic geometry, and knot genus*
11:00 - 12:00 **Mark Sapir** *Aspherical groups and manifolds with extreme properties*	11:00 - 12:00 **Mark Hagen** *Quasi-trees Associated to CAT(0) Cube Complexes*	11:00 - 12:00 **Ruth Charney** *Contracting boundaries of CAT(0) spaces*	11:00 - 12:00 **Zlil Sela** *The First Order Theory of Free Products of Groups*	11:20 - 12:20 **Dani Wise** *The relatively hyperbolic setting*
12:00 - 1:30 Lunch	12:00 - 1:30 Lunch	12:00 - 1:30 Lunch	12:00 - 1:30 Lunch	
1:30 - 2:30 **Dani Wise** *Nonpositively Curved Cube Complexes*	1:30 - 2:30 **Dani Wise** *Virtual Specialness of Malnormal Amalgams of Special Groups*	1:30 - 2:30 **Dani Wise** *Cubical Small Cancellation Theory*	1:30 - 2:30 **Dani Wise** *The Malnormal Special Quotient Theorem*	
2:45 - 3:45 **Piotr Przytycki** *Square Complexes and Simplicial Non-positive Curvature*	2:45 - 3:45 **Chris Hruska** *How to Cubulate Groups*	2:45 - 3:45 **Eric Swenson** *A 'transversal' for minimal invariant sets in the boundary of a CAT(0) group*	2:45 - 3:45 **Yair Minsky** *Subsurface projections and bumping in deformation spaces*	
3:45 - 4:15 Coffee	3:45 - 4:15 Coffee	3:45 - 4:15 Coffee	3:45 - 4:15 Coffee	
	4:15 - 5:15 **Mark Hagen and Piotr Przytycki** *Recitation*	4:15 - 5:15 **Ian Agol** *Residual finiteness of amalgams*	4:15 - 5:15 **Mark Hagen and Piotr Przytycki** *Recitation*	
		6:00 p.m. Banquet		