

North American Workshop on Tropical Geometry

Schedule

Monday, March 5, 2007

- 7:00–9:00** Breakfast
- 9:00–9:15** Introduction and Welcome to BIRS by BIRS Station Manager, Max Bell 159
- 9:15–10:15** A. Zelevinsky, *Cluster algebras: tropical aspects*.
- 10:15–10:30** Coffee Break, 2nd floor lounge, Corbett Hall
- 10:30–11:30** Y. Soibelman, *Donaldson-Thomas invariants, cluster transformation and tropical geometry*.
- 11:30–13:00** Lunch
- 13:00–14:00** Guided Tour of The Banff Centre;
meet in the 2nd floor lounge, Corbett Hall.
- 14:00** Group Photo; meet on the front steps of Corbett Hall.
- 14:30–15:30** H. Markwig, *The j -invariant of a tropical elliptic curve of degree 3*.
- 15:30–16:00** Coffee Break, 2nd floor lounge, Corbett Hall.
- 16:00–17:00** V. Alekseev, *Tropical geometry and degenerations*.
- 17:30–19:30** Dinner

Tuesday, March 6, 2007

- 7:00–9:00** Breakfast
- 9:00–10:00** R. Kenyon, *Inscribing curves in polygons*.
- 10:00–10:30** Coffee Break, 2nd floor lounge, Corbett Hall
- 10:30–11:30** K. Kennaway, *Geometry of the dimer models*.
- 11:30–13:30** Lunch
- 14:00–15:00** M. Abouzaid, *Homological mirror symmetry and tropical geometry*.
- 15:00–15:30** Coffee Break, 2nd floor lounge, Corbett Hall.
- 15:30–16:30** T. Nishinou, *Counting problems in tropical geometry*.
- 17:30–19:30** Dinner

Wednesday, March 7, 2007

- 7:00–9:00** Breakfast
- 9:00–10:00** N. Mnev, *Combinatorial models of PL Grassmannians.*
- 10:00–10:30** Coffee Break, 2nd floor lounge, Corbett Hall
- 10:30–11:30** A. Khovanskii, *Elimination theory and Newton polyhedra.*
- 11:30–13:30** Lunch
- Free afternoon
- 17:30–19:30** Dinner

Thursday, March 8, 2007

- 7:00–9:00** Breakfast
- 9:00–10:00** V. Berkovich, *Analytic geometry over the field of one element.*
- 10:00–10:30** Coffee Break, 2nd floor lounge, Corbett Hall
- 10:30–11:30** E. Shustin, *Recursive formulas for Welschinger invariants of real Del Pezzo surfaces.*
- 11:30–13:30** Lunch
- 14:00–15:00** A. Losev, *Tropical mirror and quantum mechanics.*
- 15:00–15:20** Coffee Break, 2nd floor lounge, Corbett Hall.
- 15:20–16:20** M. Passare, *Some remarks on amoebas and coamoebas.*
- 16:30–17:30** E. Katz, *Equivariant cohomology and localization in tropical geometry.*
- 17:30–19:30** Dinner

Friday, March 9, 2007

- 7:00–9:00** Breakfast
- 9:00–10:00** Yong-Geun Oh, *Seidel's long exact sequence of Floer cohomology on Calabi-Yau manifolds.*
- 10:00–10:30** Coffee Break, 2nd floor lounge, Corbett Hall
- 10:30–11:30** B. Parker, *Tropical geometry and the exploded category.*
- 11:30–13:30** Lunch
- Checkout by 12 noon.**