

**Concluding conference of the program**  
*Real and Tropical Algebraic Geometry*

**Monday, June 16, 2008**

- 9:30–10:30**    **H. Markwig**, *Tropical Hurwitz numbers.*
- 10:30–11:00**    Coffee
- 11:00–12:00**    **I. Zharkov**, *Poincaré’s formula in tropical jacobians.*
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- 13:45–14:45**    **A. Degtyarev**, *Real elliptic surfaces and real trigonal curves of type I.*
- 15:00–16:00**    **S. Finashin**, *Chiral deformation classification of real cubic fourfolds.*
- 16:00–16:30**    Coffee
- 16:30–17:30**    **F. Bihan**, *Fewnomial bounds on Betti numbers of hypersurfaces.*

**Tuesday, June 17, 2008**

- 9:30–10:30**    **E. Mukhin**, *Applications of Bethe Ansatz to algebraic geometry.*
- 10:30–11:00**    Coffee
- 11:00–12:00**    **D. Gayet**, *Deformations of associative submanifolds with boundary.*
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- 13:45–14:45**    **Y. Soibelman**, *Non-archimedean analytic geometry and generalized Donaldson-Thomas invariants.*
- 15:00–16:00**    **M. Gross**, *Tropical Geometry and Mirror Symmetry for  $\mathbb{P}^2$ .*
- 16:00–16:30**    Coffee
- 16:30–17:30**    **D. Speyer**, *Tropical Linear Spaces.*

**Wednesday, June 18, 2008**

- 9:00–10:00**    **G. Mikhalkin**, *Which tropical varieties are classically realizable?*
- 10:00–10:30**    Coffee
- 10:30–11:30**    **J. Solomon**, *An integrable hierarchy from open moduli.*
- 11:45–12:45**    **M. Abouzaid**, *Lagrangian Skeleta, Tropical Geometry, and Homological Mirror Symmetry.*

**Thursday, June 19, 2008**

- 9:30–10:30**    **F. Catanese**, *Real singular Del Pezzo surfaces and threefolds fibred by rational curves.*
- 10:30–11:00**    Coffee
- 11:00–12:00**    **F. Mangolte**, *Automorphisms of real rational surfaces.*
- 13:45–14:45**    **K. Fukaya**, *Mirror symmetry of toric A model and LG B-model.*
- 15:00–16:00**    **C. Viterbo**, *Symplectic homogenization.*
- 16:00–16:30**    Coffee
- 16:30–17:30**    **E. Brugallé**, *Recursive formulas for Welschinger invariants.*
- 19:30**            *Conference dinner.*

**Friday, June 20, 2008**

- 9:30–10:30**    **N. A'Campo**, *TQFT and Monodromy.*
- 10:30–11:00**    Coffee
- 11:00–12:00**    **E. Katz**, *Tropical Geometry and Monodromy.*
- 13:45–14:45**    **M. Shapiro**, *Cluster algebras of finite mutation type and triangulations of surfaces.*
- 15:00–16:00**    **V. Fock**, *Triangles.*
- 16:00–16:30**    Coffee
- 16:30–17:30**    **A. Varchenko**, *The  $(gl_n, gl_k)$ -duality and critical points of master functions.*