Mean Curvature Flow
September 26 – 30, 2016

Schedule - L4

Monday, September 26

12:00-12:30 Registration
12:30-13:30 Lunch
13:30-14:30 Felix Schulze, *Ricci flow from spaces with isolated conical singularities*
14:45-15:45 Yoshikazu Giga, *A level-set crystalline mean curvature flow of hypersurfaces*
15:45-16:15 Coffee
16:15-17:15 Felix Otto, *Convergence of the thresholding scheme for multi-phase mean curvature flow*

Tuesday, September 27

9:30-10:30 James Sethian, *Voronoi implicit interface methods: tracking multi-phase physics in materials, fluids, and industrial foams*
10:30-11:00 Coffee
11:00-12:00 Robert Kohn, *Prediction without probability: a PDE approach to some two-player games from machine learning*
12:00-13:15 Lunch
13:15-14:15 Bruce Kleiner, *Uniqueness of weak solutions to Ricci flow, and Perelman's convergence conjecture*
14:15-14:45 Coffee
14:45-15:45 Gerhard Huisken, *Geometric estimates for mean curvature flow*
16:00-17:00 Brian White, *A surprising dichotomy in minimal surface theory*

Wednesday, September 28 - Clay Research Conference

10:00-11:00 David Ben-Zvi, *Representation Theory as Gauge Theory*
11:00-11:30 Coffee
11:30-12:30 Bill Minicozzi, *The mean curvature flow*
12:30-14:00 Lunch
14:00-15:00 János Kollár, *Celestial surfaces and quadratic forms*
15:00-15:30 Coffee
15:30-16:30 Manjul Bhargava, *What is the Birch and Swinnterton-Dyer Conjecture, and what is known about it*
16:30-17:30 Presentation of the 2016 Clay Research Awards
17:30-19:00 Reception in the Mathematical Institute

Thursday, September 29

9:30-10:30 Sigurd Angenent, *Mean curvature flow from cones*
10:30-11:00 Coffee
11:00-12:00 Jacob Bernstein, *Surfaces of low entropy*
12:00-13:30 Lunch

13:30-14:30 Mu-Tao Wang, *On the stability of higher codimensional mean curvature flows*
14:30-15:00 Coffee

Friday, September 30

9:00-10:00 Lu Wang, *Asymptotic structure of self-shrinkers*
10:00-10:30 Coffee
10:30-11:30 Peter Topping, *A new pseudolocality theorem for Ricci flow*