COLLOQUIUM

Singularities in Mean Curvature Flow

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Mean curvature flow is a nonlinear geometric flow where a hypersurface evolves to decrease its area as efficiently as possible. Singularities are unavoidable and the point is to understand the possible singularities and the behavior of the flow near a singularity. I will talk about recent joint work with Toby Colding and with Toby Colding and Tom Ilmanen where we prove strong rigidity and uniqueness theorems for generic singularities in all dimensions.

The lecture will take place in Thackeray 704 at 3:30pm.
Refreshments will start at 3:00pm.