SHAPE OF MEAN CURVATURE FLOW PASSING THROUGH A NON-DEGENERATE SINGULARITY

Speaker: Zhihan Wang
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Time: Tue, Jun 17th; 10:00-11:00am
Venue: Room 102, SCMS
Abstract:

A central question in geometric flow is to understand the change of geometry and topology after passing through singularities. In this talk, I will focus on mean curvature flow, the negative gradient flow of area functional, and explain how the local dynamics influence the shape of the flow near a singularity, as well as how the geometry and topology of the flow change after passing through a singularity with generic dynamics. This talk is based on the joint work with Ao Sun and Jinxin Xue.