

SINGULAR STRUCTURES AND GENERIC REGULARITY OF MINIMAL SURFACES AND MEAN CURVATURE FLOW

Speaker: Zhihan Wang
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Time: Mon, Jan. 5th, 10:00-11:00

Venue: Room 106, SCMS

Abstract:

Singularities arise naturally in geometric variational problems and evolution equations. A fundamental question is to understand the local structure of these singular sets, both in general settings and under generic assumptions. In this talk, I will discuss recent progress on the analysis of singularities for the area functional, focusing on structural results and generic regularity phenomena in minimal surfaces and mean curvature flow.