



SCMS Seminar

RIGIDITY OF ANCIENT OVALS IN MEAN CURVATURE FLOW

Speaker: Beomjun Choi

KAIST

Time: Mon, Aug. 4th, 10:00-11:00am

Venue: Room102, SCMS

Abstract: The talk will be about the classification of compact noncollapsed ancient solutions to the mean curvature flow in $\mathbb{R}^4$ and its generalization in higher dimensions. After a brief review on the singularity formation in the mean curvature flow, we discuss asymptotic behaviors and uniqueness theorems for oval solutions. This talk is based on joint works with Daskalopoulos, Du, Haslhofer, Sesum, and with Du and Zhu.