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Generic level sets in mean curvature flow with and without obstacles

Wednesday, 9 July 2025 09:00 (1 hour)

Mean curvature flow has been a central object in geometric analysis. Weak solutions describe the evolution past singularities, but different solution concepts might lead to different behavior. In this talk, I'll present recent results on the relation between the viscosity solution and distributional solutions. I will also present extensions to the associated obstacle problem, introduce weak solution concepts and show their relation.

Presenter: LAUX, Tim (Universität Regensburg)