

**Meeting:** 998, Houston, Texas, SS 15A, Special Session on Geometric Variational Problems

998-53-336      **Neshan Wickramasekera\*** ([neshan@math.mit.edu](mailto:neshan@math.mit.edu)), Department of Mathematics,  
Massachusetts Institute of Technology, 77 Massachusetts Avenue, Cambridge, MA 02139.  
*Singularities of immersed stable minimal hypersurfaces.* Preliminary report.

We present some recent results concerning the size and the nature of the set of singularities of a hypersurface arising as the weak limit of a sequence of immersed, stable, minimal hypersurfaces of arbitrary dimension. These results will in particular include low dimensionality of the set of points where no tangent cone is entirely a union of hyperplanes, and the asymptotic behavior of the hypersurface near a point with a tangent cone equal to a pair of hyperplanes. (Received March 01, 2004)