

# **Evolving Scalars on Curves and Surfaces**

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A method to resolve scalar equations on surfaces in 2D and 3D in the context of Level Set Methods will be described. It will be shown how these scalars can be tracked in time, allowing advection/diffusion along the surface, and also allowing the surface to move and stretch/shrink.

**Friday, October 25, 2002**

**11:00 a.m., 234 Ames Hall**