

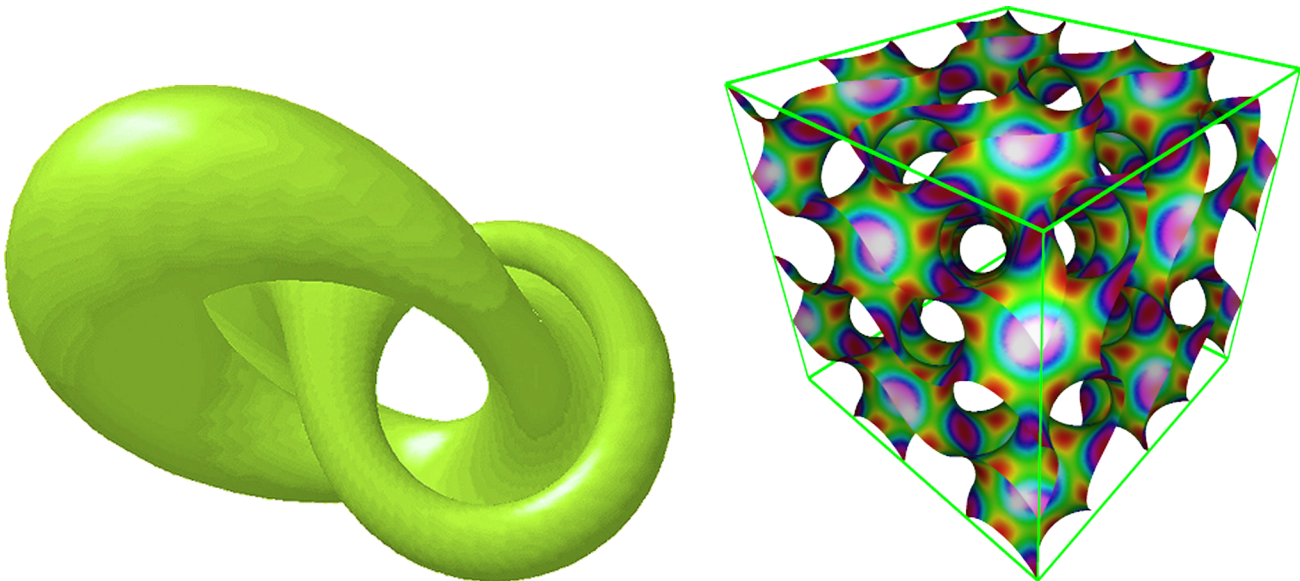
The Oliver Club

www.math.cornell.edu/~oliver/

Panagiota Daskalopoulos, Columbia University

Nonlinear Degenerate Parabolic Problems

We study the existence and optimal regularity of solutions to nonlinear parabolic problems. These include the porous medium equation, the Gauss curvature flow and the harmonic mean curvature flow. All these problems become degenerate at interfaces, some of which behave as free-boundaries moving with finite speed.



Thursday, April 30, 2009
at 4:25 PM in 251 Malott Hall

Refreshments will be served at 3:55 PM in the Mathematics Department lounge (532 Malott Hall).