

MSRI–Evans Talk

Monday, 4:10–5:00pm, 60 Evans

Oct. 23 **Dr. Panagiota Daskalopoulos**, Columbia University

Non-linear elliptic and parabolic free-boundary problems

We study the existence and optimal regularity of solutions to degenerate non-linear parabolic flows, in connection with the geometry of the flow. A number of important examples will be described where these flows become degenerate at interfaces which behave like free-boundaries moving with finite speed. We will also discuss the connection between the regularity and the geometry of these equations.

Refreshments at a nearby establishment immediately following the talk!

Further information and links to the MSRI program and workshop web pages are available at:
<http://www.msri.org>