

ANALYSIS AND DIFFERENTIAL GEOMETRY  
SEMINAR

*Hopf's Conjecture and Aleksandrov's Theorem: Soap Bubbles  
Are Round Spheres (Part 1)*

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**Abstract:** 50 years ago Aleksandrov proved that the only embedded compact surfaces of constant mean curvature are round spheres. In this talk, Aleksandrov's proof and some interesting geometric techniques will be presented.

Tuesday, September 9, 2008, 4:00 pm  
Mathematics and Science Center: W301

MATHEMATICS AND COMPUTER SCIENCE  
EMORY UNIVERSITY