



The Mathematical Association of America

**Math Department Colloquium/
Math Club/MAA Student Chapter presents**

**The Poincaré Conjecture, the
Geometrization Conjecture, and beyond**

Francis Bonahon, USC

Wednesday, Feb. 21, 2007

3 – 4 pm, Simpson Tower 213

Refreshments 2:30 - 3

The recent proof of the Poincaré Conjecture, a century-old problem in 3-dimensional geometry, has made many headlines this summer. I will explain what the Poincaré Conjecture was, and also introduce its less talked about (but perhaps more important) extension the Geometrization Conjecture. I will try to convey why topologists cared about these problems, and what the current and future impact of these breakthroughs is likely to be. The talk will assume no sophisticated mathematical background beyond calculus.

For more information, contact Mike “Quimby” Krebs at mkrebs@calstatela.edu or Tony Shaheen at ashahee@calstatela.edu.

Math Club website: http://www.calstatela.edu/academic/math/Math_Club/mathClub.htm