



UNIVERSITY OF CALIFORNIA RIVERSIDE

DEPARTMENT OF MATHEMATICS

COLLOQUIUM

Dr. Vladimir Markovic
(Caltech)

“Recent developments in geometry and topology of
hyperbolic 3-manifolds”

Abstract:

Due to a flurry of recent results (including the work of Kahn and Markovic on the Surface Subgroup Conjecture, the work of Dani Wise on the Virtual Fiberings for Haken 3-manifolds, and culminating in Agol's announcement of the Virtual Haken Conjecture) we now have a much better understanding of topology of closed 3-manifolds. I will discuss these results and possible future directions.

Wednesday, May 9th, 2012

Surge 284

4:10-5:00pm

Tea Time at 3:40pm