

CCSU
DEPARTMENT OF MATHEMATICAL SCIENCES

COLLOQUIUM

Friday, November 5
2:00 – 3:00 PM
Maria Sanford, Room 101

MINIMAL SURFACES IN QUASI-FUCHSIAN 3-MANIFOLDS

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Abstract: In this talk, I will show that if a quasi-Fuchsian 3-manifold M contains a simple closed geodesic with complex length $L = l + i\theta$ such that $\frac{\theta}{l} \gg 1$, then it contains at least two minimal surfaces which are incompressible in M .

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