CCSU
DEPARTMENT OF MATHEMATICAL SCIENCES

COLLOQUIUM

Friday, October 15
3:00 – 4:00 PM
Maria Sanford, Room 101

PLAYING WITH CURVES ON SURFACES, PART I

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Abstract: Many beautiful concepts in low-dimensional topology (and geometry) involve the study of curves on surfaces. I will try to explain and illustrate a few of these, including the curve complex, the mapping class group, and the notion of foliations. Then I will show how to use some of these ideas in the construction of an interesting family of hyperbolic manifolds of dimension 3.

To join us online use the following link:
https://ccsu.webex.com/meet/gotchev

For further information:
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http://www.math.ccsu.edu/gotchev/colloquium/