CCSU
DEPARTMENT OF MATHEMATICAL SCIENCES

Wednesday, February 14, 2007
11:00-12:00
Maria Sanford, Room 117

Asymptotics in the Weil-Petersson Geometry of Teichmuller Space of Riemann Surfaces

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Teichmuller theory studies the space of complex structures on a (compact) Riemann surface. With the Weil-Petersson metric, Teichmuller space enjoys many interesting geometrical properties. In this talk, I will describe two different meanings of limiting behaviors of the global geometry of the space.