

CCSU
DEPARTMENT OF MATHEMATICAL SCIENCES

COLLOQUIUM

Thursday, March 27
9:30 – 10:30 AM
Maria Sanford, Room 105

SURFACES EVERYWHERE

JOEL LOUWSMA

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Abstract: One of the most important notions in the field of topology is that of a surface. After describing several examples of surfaces, I will discuss how surfaces can be used to study the complexity of closed curves in various spaces. This gives rise to the notion of stable commutator length, which has interpretations not only in terms of topology but also in terms of algebra and analysis. I will describe some of what is known about stable commutator length, including some of my own work.

For further information:
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