

CCSU  
DEPARTMENT OF MATHEMATICAL SCIENCES

# COLLOQUIUM

Friday, September 4  
2:00 – 3:00 PM  
Maria Sanford, Room 101

## HARNACK INEQUALITY FOR THE CURVE SHORTENING FLOW

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**Abstract:** We offer an algorithmic approach for determining Harnack quantities for the curve shortening flow and we show how, following this procedure, one can obtain Hamilton's Harnack inequality for this flow, which involves the curvature of the curve being deformed by the flow.

*For further information:*  
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