

CCSU  
DEPARTMENT OF MATHEMATICAL SCIENCES

# COLLOQUIUM

Friday, November 7  
2:00 – 3:00 PM  
Maria Sanford, Room 101

## CATASTROPHE THEORY

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**Abstract:** Sometimes change is gradual and sometimes change is abrupt. René Thom's theory of catastrophes provides us with a method of producing Mathematical models for dynamical systems where continuous changes in control parameters result in discontinuous changes in behavior. We'll look at Thom's theorem and some of the elementary catastrophes and their applications. Much of this talk will be elementary needing only a background in calculus.

*For further information:*  
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