

CCSU
DEPARTMENT OF MATHEMATICAL SCIENCES
COLLOQUIUM

Friday, September 7
3:00 – 4:00 PM
Maria Sanford, Room 101

**GEOMETRY AND MICRO-ELECTRICAL
MECHANICAL SYSTEMS**

MIHAI BAILESTEANU
CENTRAL CONNECTICUT STATE UNIVERSITY

Abstract: Geometric flows has been a very active field of differential geometry in the recent years, in parts due to its success in solving problems like the Poincare's conjecture. But it turns out that the same methods can be used to study equations arising from engineering and physics. In this talk, I will present an overview of the methods used in geometric flows and their applications to various equations, ending with a discussion about a new and rapidly evolving field - the study of micro-electrical mechanical systems.

For further information:
gotchevi@ccsu.edu 860-832-2839
<http://www.math.ccsu.edu/gotchev/colloquium/>