CCSU
DEPARTMENT OF MATHEMATICAL SCIENCES

COLLOQUIUM

Friday, October 12
2:00 – 3:00 PM
Maria Sanford, Room 101

FUN WITH *MATHEMATICA 6*

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ABSTRACT

In this talk I will discuss some general features of **Mathematica**, with emphasis on some of the new features of **Mathematica 6**, which was just released this past summer. The new version entails a vastly upgraded form of interactive graphics. These features will be illustrated with selected demonstrations from the new Wolfram Demonstrations Project. The demonstrations range from grade school and high school to very advanced mathematics and cover a wide variety of topics. They are *freely downloadable* and usable even without **Mathematica**. The main purpose of the talk is to make people aware of these demonstrations and how to use them.

The talk is meant to be general and informal, with no assumed knowledge of **Mathematica**. (Part of the goal is to show people how **Mathematica** can benefit them in their teaching and/or research, in order to get people interested in learning **Mathematica**. Training in **Mathematica** also enhances the possibility of students becoming involved in joint projects with faculty.)

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