Temple University Mathematics Colloquium

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will speak on

What is a moduli space and why do algebraic geometers love them?

ABSTRACT: An important theme in modern mathematics is to study objects (e.g. smooth curves, vector bundles on a fixed variety, etc.) as they vary in families. When particularly lucky, one may construct a space which parametrizes the collection of all such objects in a nice way. Such a space is called a moduli space. In this talk I will give examples of moduli spaces and illustrate their usefullness in algebraic geometry.

Monday, September 26, 2005
Lecture at 4:00 PM (♯)
Coffee, tea, and refreshments from 3-5 PM.
Room 617, Wachman Building
Department of Mathematics