BI-CO MATHEMATICS COLLOQUIUM

Angela Gibney
University of Pennsylvania

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

Monday, April 30, 2007

Talk at 4:15 – Park 328
Tea at 3:45 – Park 355, Math Lounge

Abstract:

An important theme in mathematics is to study objects 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 usefulness in algebraic geometry.

BRYN MAWR COLLEGE