

Harvey Mudd College

MICHAEL MOODY LECTURE SERIES

Hosted by the Harvey Mudd College Department of Mathematics



12/13th century mosaic

**FRIDAY
SEPT. 30, 2011**

7:00 PM

**GALILEO
LECTURE HALL**

The lecture is free and open to the public. Dessert and refreshments will follow the talk.

For more information, contact Art Benjamin, benjamin@math.hmc.edu.

Chaos Games and Fractal Images

ROBERT L. DEVANEY

Boston University

Devaney we will describe some of the beautiful images that arise from the “Chaos Game” and will show how the simple steps of this game produce, when iterated millions of times, the intricate images known as fractals. Devaney will describe some of the applications of this technique used in data compression as well as in Hollywood. He will also challenge students present to “Beat the Professor” at the chaos game and maybe win his computer.

HARVEY MUDD
C O L L E G E

www.math.hmc.edu/moodylectures/

The Michael Moody Lecture Series illuminates the joy, wonder and applicability of mathematics. The HMC Mathematics Department established this series to honor Michael Moody, colleague, chair and honorary HMC alumnus, whose vision and leadership guided the department to national prominence.