

Harvey Mudd College
MICHAEL MOODY LECTURE SERIES

Hosted by the Harvey Mudd College Department of Mathematics

Courtesy of Jon Jacobsen

**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.

Chaos Games and Fractal Images

Robert L. Devaney

Boston University

Devaney 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.

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

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.