Mathematical Physics and Dynamical Systems Seminar

MATH 260-002

SPRING 2008

April 3
Organizational Meeting

April 10
Speaker: John Huerta
Title: The Octonions

April 17
Speaker: Prof. Henrique Bursztyn (IMPA, Brazil)
Title: Generalized Complex / Kahler Geometry

April 24
Speaker: Robert Niemeyer
Title: A Countable Class of Periodic Orbits of the Koch Snowflake

May 1
Speaker: Michael Maroun
Title: Entropy, Classical and Quantum Action

May 8
Speaker: Scot Childress
Title: Fractal Geometry, Number Theory, and Physics (part II)

May 15
Speaker: Alex Hoffnung
Title: Categorifying Hamiltonian Mechanics - Motivation and Theory

May 22
Speaker: Chris Rogers
Title: Categorifying Hamiltonian Mechanics - Applications to String Theory

May 29
Speaker: Vicente Alvarez
Title: Finite Element Method on the Sierpinski Gasket

June 5
Speaker: John Huerta
Title: Quantum Mechanics and Representation Theory