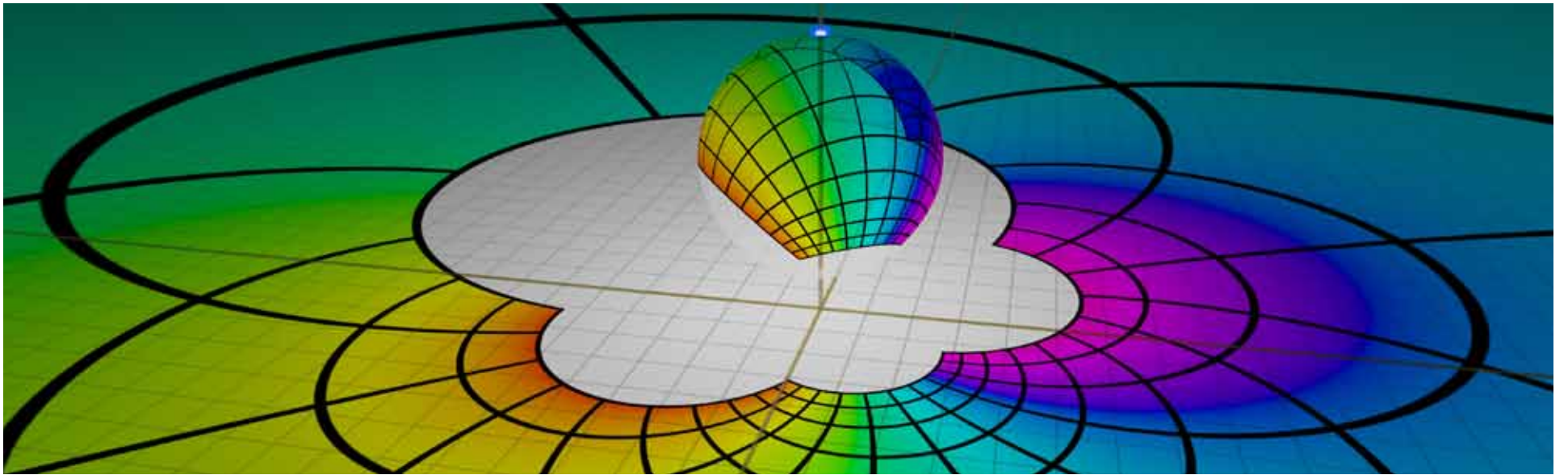


Harvey Mudd College

MICHAEL MOODY LECTURE SERIES



When Mathematics Meets YouTube

JONATHAN ROGNESS

UNIVERSITY OF MINNESOTA

7:00 p.m. | Friday, November 19, 2010 | Galileo McAlister Hall

Hosted by the Harvey Mudd College Department of Mathematics

What happens when 1.7 million people encounter high level mathematics on YouTube? “Möbius Transformations Revealed” is a short film that illustrates the beauty of Möbius Transformations and shows how moving to a higher dimension makes them easier to understand. After winning an

award from the National Science Foundation and Science Magazine the video went viral, with unexpected and entertaining results. This talk will describe the behind-the-scenes making of the movie, explore the mathematics it illustrates, and show the reactions of YouTube users who discover the visual allure of mathematics.



Jonathan Rogness is an assistant professor of mathematics at the University of Minnesota. A topologist by training, he has become well known for his mathematical visualizations for use in and outside of the classroom. He was recently named the new director of the University's Mathematics Center for Educational Programs (MathCEP), which runs one of the nation's premier accelerated mathematics programs for middle- and high-school students.

**The lecture is free and open to the public. Dessert and refreshments will follow the talk.
For more information, contact Francis Su, su@math.hmc.edu.**

www.math.hmc.edu/moodylectures/