



FACULTY, STUDENT & STAFF SEMINAR

Monday, 4:00 PM

February 6, 2012

Cheek Hall 102

mathematical
aesthetics

mathematical
thinking in the arts

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ABSTRACT

Mathematics gives us the tools to understand the universe and to explore amazing realms of pure ideas. How can these tools and techniques be utilized in the arts and to further our abilities to teach and to understand mathematics?

Using lasers, computer controlled lighting systems, handmade paper, live music, interactive performance and some surprising off-the-shelf technology we will explore the deep and rewarding connections between mathematics and the creative endeavor. With applications in art, math education and pure mathematics, we hope to show ways to narrow the gap between the sciences and the arts, as well as expand the approachability of mathematics to those working in the arts.

Thom Hutchison is pursuing an Individualized Bachelor of Science in Mathematical Aesthetics here at Missouri State University. He is a computer programmer, artist and musician who explores the connections between Art, Music, Physics, and Mathematics. He is a Radio announcer and Volunteer Producer for MSU's own KSMU.

All are welcome!

image by Daniel Zender