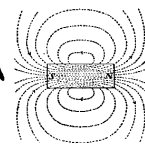


Science Hall Colloquium



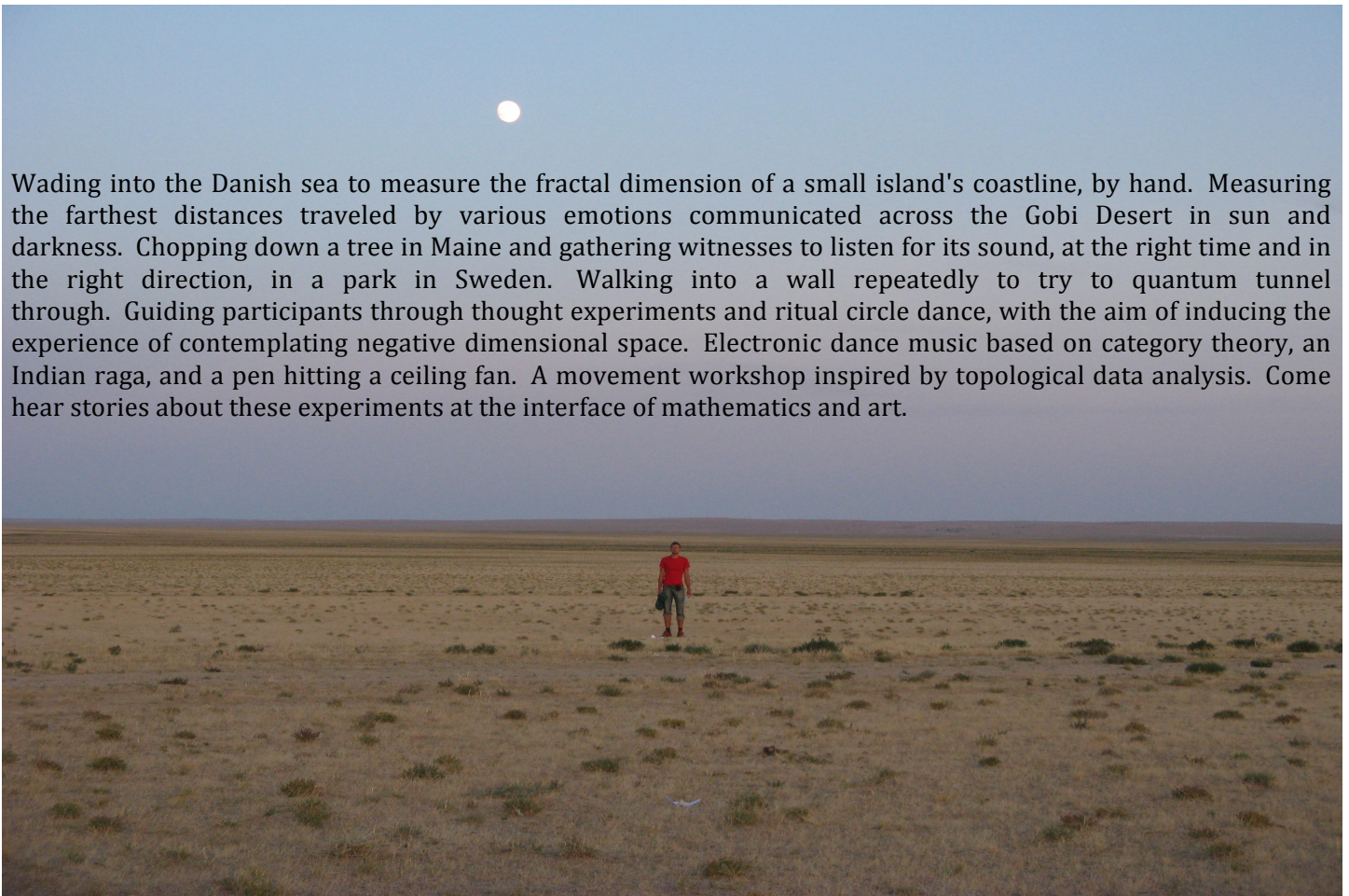
$$e^{\pi i} + 1 = 0$$



Conditional Convergence in the Process of Math and Art: A Case Study

*Luke Wolcott, Visiting Assistant Professor of Mathematics
Lawrence University*

Wading into the Danish sea to measure the fractal dimension of a small island's coastline, by hand. Measuring the farthest distances traveled by various emotions communicated across the Gobi Desert in sun and darkness. Chopping down a tree in Maine and gathering witnesses to listen for its sound, at the right time and in the right direction, in a park in Sweden. Walking into a wall repeatedly to try to quantum tunnel through. Guiding participants through thought experiments and ritual circle dance, with the aim of inducing the experience of contemplating negative dimensional space. Electronic dance music based on category theory, an Indian raga, and a pen hitting a ceiling fan. A movement workshop inspired by topological data analysis. Come hear stories about these experiments at the interface of mathematics and art.



Thursday, November 13, 2014
11:10am
Steitz Hall 102



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