



MoSAIC Festival

Mathematics of Science, Art, Industry, Culture

November 21-23, 2014
University of Illinois

MoSAIC Festivals are art/math mini-conferences that incorporate lectures, hands-on workshops, an art exhibition, and video screenings. The event is open to the public.
High school teachers and students are encouraged to attend.

The Art Exhibit will be held in Room 104 Illini Union all three days.

Workshops, lectures and movies will be held Friday and Saturday in Altgeld Hall on the University of Illinois campus.

**A complete schedule of events is on the MoSAIC website
<http://www.math.illinois.edu/MOSAIC/>**

Speakers and Workshop Leaders:

Reza Sarhangi, Towson University

Talk: Starry Night: The Art & Design of the Decagram

Workshop: Fun with Mosaic Designs

Bob Bosch, Oberlin College

Talk: Self-imposed constraints in visual art:
mathematical optimization approaches

Workshop: Domino Mosaics

Eve Torrence, Randolph-Macon College

Talk: Stellation and Sculpture

Workshop: Modular Origami Dodecahedron

Judy Holdener, Kenyon College

Talk: Divergence of Sinusoidal Vector Fields:
Sources of Flow as Sources of Symmetry

Workshop: Fun with Iterative Balloon-twisting



ILLINOIS
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN