Call for Mathematical Art Exhibits
The Golden Section will host its fifth mathematical art exhibition. The exhibition will take in Lisser Hall during the break between the morning and afternoon sessions (1:00 to 2:00 pm). During that time, the artists will be present to discuss their works with viewers. If you know anyone who produces art with a strong mathematical theme or content, please encourage them to submit their piece for consideration in the exhibition. Artists are expected to register for and attend the meeting. Artists are also responsible for their pieces throughout the meeting. Artist participants will be able to set up their work in a locked conference room, to prepare it for viewing during the exhibition.

Submissions: Please email at most two photos (< 10 MB each) of each piece you would like to submit, along with a brief description (< 100 words) of the piece to Stacy Speyer at cubesandthings@gmail.com.

Deadline: Monday, January 27, 2020

Works shown at the Golden Section Meeting at AIM, February, 2019

Artist: Dan Bach  http://www.dansmath.com
I'm a former college mathematics teacher from California. I used Mathematica for over 25 years in the classroom, for teacher workshops, and at conference talks. My students were known to create mathematical graphics, movies, and sounds; either as class assignments or purely for pleasure. I'm now a 3D math artist and interactive book author. The 3 polyhedral shapes shown here (an octahedron, a cuboctahedron, and a small rhombicuboctahedron) are composed of paths that visit all the edges once and only once, returning to its original vertex. A rainbow of line segments then tracks its progress along this Eulerian circuit! (Viewable in 3D at this link: bit.ly/2AalWlb)

Artist: Stacy Speyer  www.cubesandthings.net
I have a Masters in Fine Arts, with a focus in Textiles, and I am working on a degree in Mathematics. About ten years ago I started making and studying polyhedra. Using a range of materials from laser cut metal, acrylic, wood, and paper to yarn, beads, handspun wool, and basketry reed, I make pieces that accentuate different symmetries of the shapes. Combining math with art gives me the visual power, accessibility, and playful nature of art to get people interested in math. Pictured here are five paper forms I had at the show. The patterns come from book #4 of my series of 3D coloring books "Cubes and Things - Woven Twists."