



# Towson University

Department of Mathematics  
8000 York Road  
Towson, MD 21252

Monday October 25, 2010 @ 4:30  
Refreshment @ 4:00  
Room 205, York Building

**George Hart** will "unveil" a new sculpture, to be permanently installed at Towson University. The 42" high sculpture is constructed from hundreds of laser-cut steel units, bolted together in a novel way that produces a gyroid surface entirely from equilateral triangles. This construction has not been previously published, so the sculpture serves as the first presentation of this discovery. Hart will present the mathematics, computer science algorithms, and fabrication aspects of the design.

The assembly of the sculpture will take place at a public sculpture barn-raising event on the Mall in Washington DC, Saturday and Sunday, Oct 23-24, at the booth of the American Mathematical Society. The **AMS** is sponsoring the construction and donating the sculpture to Towson University. Come to the assembly event if you wish to participate over the weekend, before the lecture Monday.

*Previously a Research Professor at Stony Brook University, Hart is now Chief of Content at **The Museum of Mathematics**, which will open in New York City in 2012. Some general discussion of the Museum's activities and the role of art in communicating mathematics to the public will also be presented. Hart's artworks can be seen at many locations around the world, including MIT, Princeton, and U.C. Berkeley.*

*Hart is on the Board of Directors of the **Bridges Organization**, which runs the international Bridges conferences on mathematical connections in art, music, and science.*

See <http://georgehart.com/DC> and <http://momath.org> for more information.

*(Images from other similar barn-raising events)*