Department of Mathematics and Computer Science

Friday, September 25, 2015, 4:10 pm

COLLOQUIUM TALK

Speaker: Peter Wiles

Old Main 2231

Modular Polyhedra

Abstract:

Modular origami is the process of building a complex figure using many identical copies of a folded unit. There are a wide variety of different unit systems for building polyhedra available to choose from. In this talk, I will introduce you to a particularly versatile unit that was developed by Robert Neale. This unit allows for many different angle configurations, making it possible to branch into building Archimedean or Johnson solids . We will examine the geometry of the angles in the folds, practice folding some of the units, and also consider issues of coloring. No prior folding experience is expected.

SNACKS IN FACULTY LOUNGE AT 3:30 PM.
EVERYONE WELCOME (EVEN IF YOU ARE UNABLE TO ATTEND THE TALK)