Bridges Conference 2016 University of Jyvaskyla, Finland

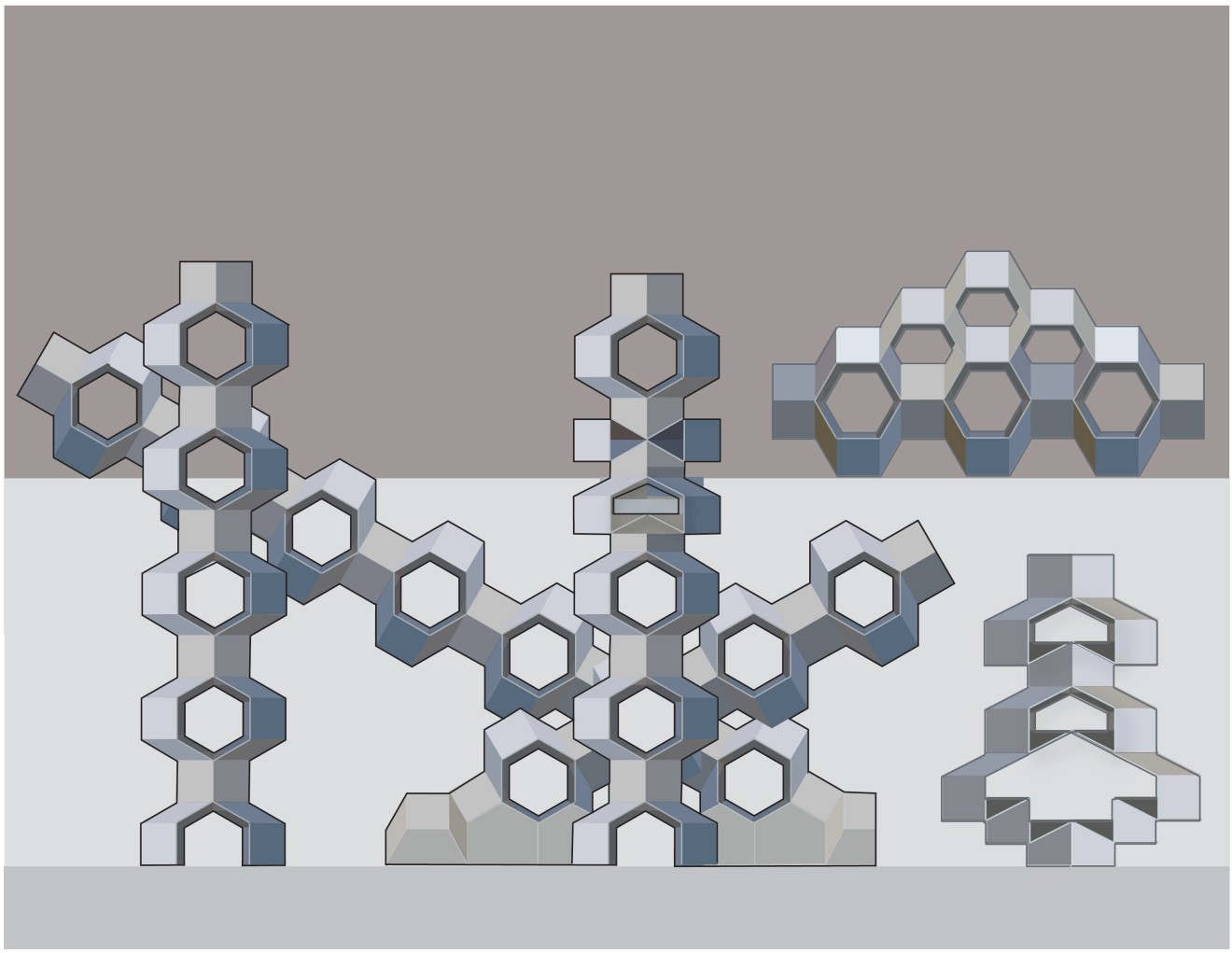
Just returned from the Bridges Conference held this year at the University of Jyvaskyla, Finland. Met some great people, mathematicians, architects, designers…

Presented “Shape Changing Polyhedra,” from my latest book “3D Thinking” to be published by Thames and Hudson Ltd Spring 2017. My presentation included stop frame animations and movie clips of shape-changing polyhedra full-shell modules connected in all sorts of ways so that when one part of an overall structure changes so do all parts.

My paper can be found at http://archive.bridgesmathart.org/2016/bridges2016-225.pdf

The images below show the shape-changing polyhedra “Shell #1 Module” and some combinations of the module. My bridges presentation featured seven different types of shell module.

http://rogerburrowsimages.com/wp-content/uploads/2016/08/Fig16.15.m4v



http://rogerburrowsimages.com/wp-content/uploads/2016/08/Core-1BlackBckgrnd.m4v

http://rogerburrowsimages.com/wp-content/uploads/2016/08/Mod1CompRev.m4v