PARAMETRIC DESIGN IN GRASSHOPPER
With the help of computers, we can produce complex geometry and simulate a variety of different scenarios in seconds. A surface can run through itself, be without thickness, and often developed without regard for gravity. Hence, our model is able soar in space. When we want to bring our model out of the computer and into the physical world, a number of challenges occur. This course focuses on these challenges.

In the coming weeks you will get a variety of tools that will help you to develop your project. We will explore how to think when designing with a parametric program such as Grasshopper.
Task: Create a pavilion that fits within a box of 10x10x10m

Submission: Physical model in 1:10 scale, two visualizations (renderings, model photo or collage), photo from 3d software and picture of your grasshopper definition.

Team: 1-3 persons

Focus: The pavilion will explore the problems arising going from computer to reality. Focus will therefore be on the relationships and differences between the digital and the physical model and how well they correspond with each other. Parametric software allows us to produce very complex shapes, constructions and calculations that previously required tremendous skill and knowledge in your craft. Therefore, it is positive if the model demonstrates features and design that take advantage of these opportunities.
Research Pavilion by ICD