





















casting, boolean operations









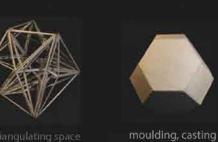














layering sectioning



























FABRICATE



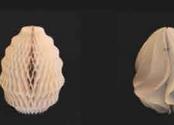
*SEACRAFT EGGS from MatSys





tesselating, patterning





layering sectioning, twisting



In this course, we will experiment with digital fabrication techniques as a means of generating atmospheric effects. We will start with a predetermined boundary shape such as 30x30x40cm egg shape which was used at Mat-Sys's course in 2013 at CCA. First, we will focus the experimental ways of making a predetermined XXX shape using hands-on analogue techniques and digital techniques of Rhinoceros&Grasshopper. Second, we will question our way of making (technique) as a generator of atmospheric effects such as the play of light and shadow or surface texture in space. Objectives of the class are not only to improve 3d modelling experience, but also to become familiar with parametric design and fabrication methods as a generator of atmospherical concepts.



aggregating



