

ParaCloud Workshop Program

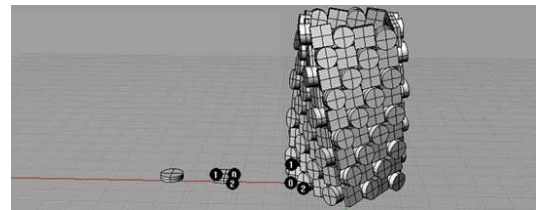
Day 1:

Session 1: Overview

ParaCloud Interface
 Capturing Data from Rhino
 Cloud Order
 Plotting Data to Rhino

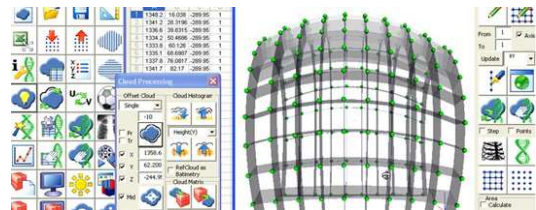
Session 2: Cellular Components

Mapping Cellular Components in Rhino
 Depth control
 Rotation Control
 4-Corner Points Components
 Centering Components
 Punching Surfaces



Session 3: Ribs Structures

Creating Offsets with ParaCloud
 Plotting Ribs to Rhino
 Controlling the Ribs Depth with Histograms
 Graphic Rules Application
 Ribs Unfolding



Session 4: Behavior Modeling

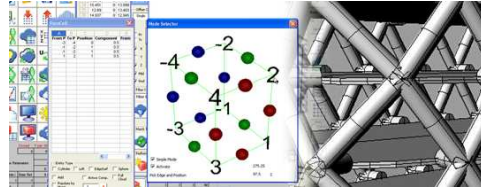
Generative DNA Modeling
 Deformation DNA Modeling
 Behavior Control with i-Codes



Day 2:

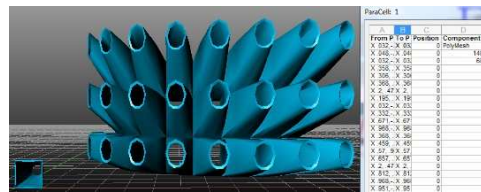
Session 1: Nodal Notation

Nodal Notation Syntax
 Cylinder trusses
 Rule-Base Lofts



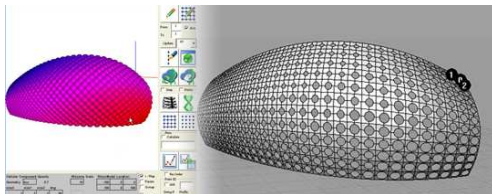
Session 2: Advanced Components

TP/CP Lofts
 PolyMesh Components



Session 3: Performative Control

Driving Parameters Application
 Solar Exposure Case Study
 Layer Control



Session 4: Cloud Processing

Cloud Echoing
 Surface Terracing
 Attractor Points
 Working with Meshes

