

Gridshell feedback: 2nd iteration

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WSE 425: Timber Tectonics in the Digital Age

Strength

After the second presentation at Eugene, it appears that the Gridshell project has been successfully simplified. Indeed, the design is not overly complicated, and the construction aspect seems feasible. Moreover, the Rhino 3D model and Grasshopper analysis are satisfying. Hence, the good dynamic of the team, allows us to be optimistic for the final project.

Weaknesses

There are still weaknesses in this architecture. Connections need to be precisely determined. Next, the design must integrate available material and building site properties.

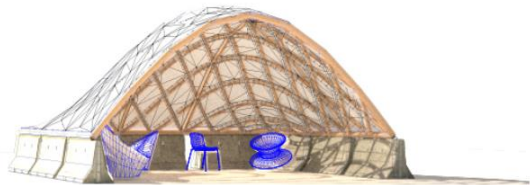


Figure 1-Pavilion form

Solutions

In order to move forward on the Gridshell project, the team members split several tasks. Every member must share his progress about his personal task. Then, group will decide the orientation of each research.

Assigned tasks:

1. Work on connections details (assembly, materials...)
2. Prepare a Karamba analysis of the structure
3. Develop the construction strategy
4. Focus on integrating available material and building site

As a result, the combination of these missions will allow us to prepare serenely the final project. Thus, the group expects to make a new prototype by Monday 3rd of June. Then, we will prepare the final presentation and final portfolio.