

Mathieu VENOT

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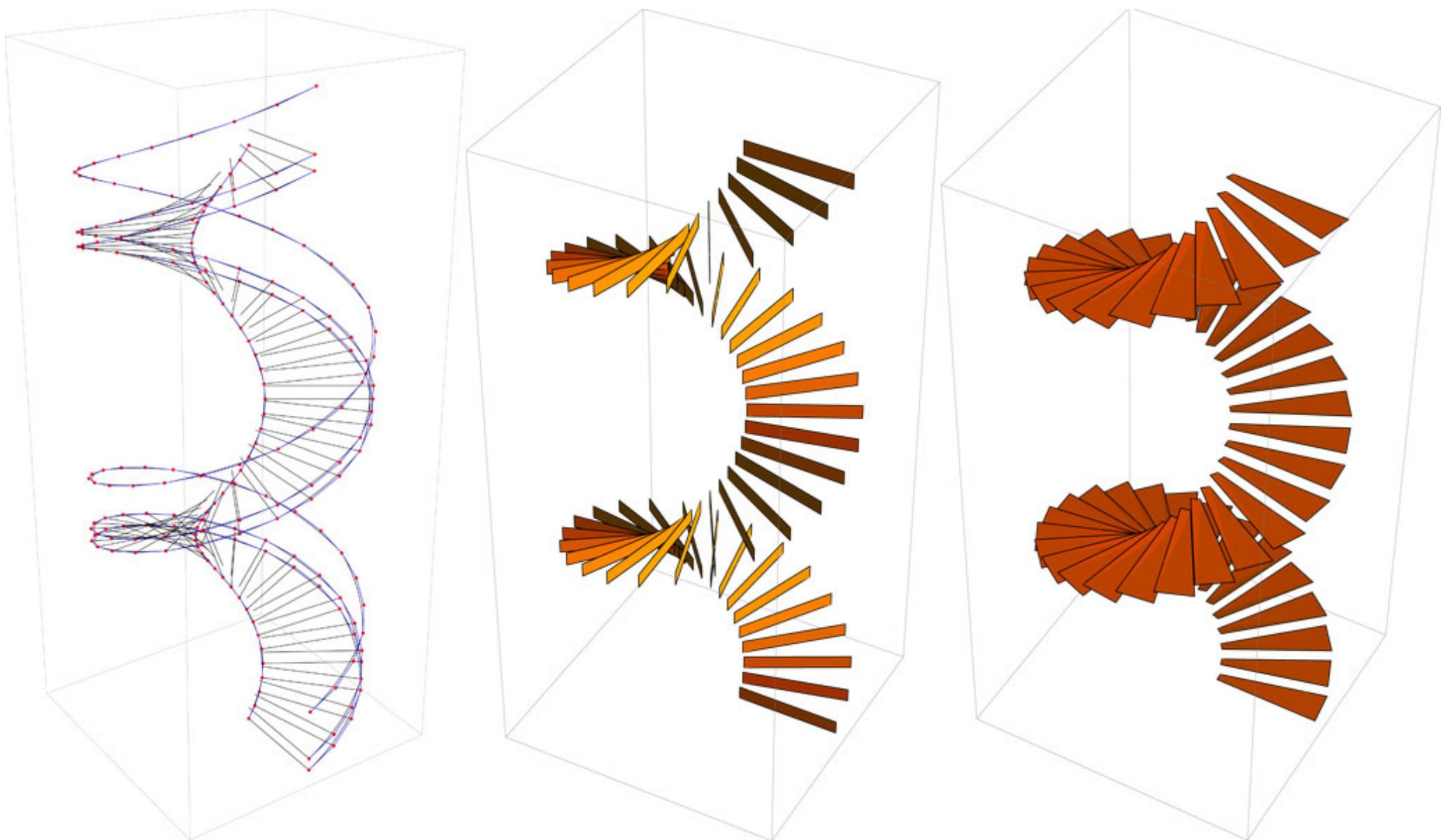
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*Student in Naval Architecture, MSc
Architect, MArch
Born September 30, 1990*

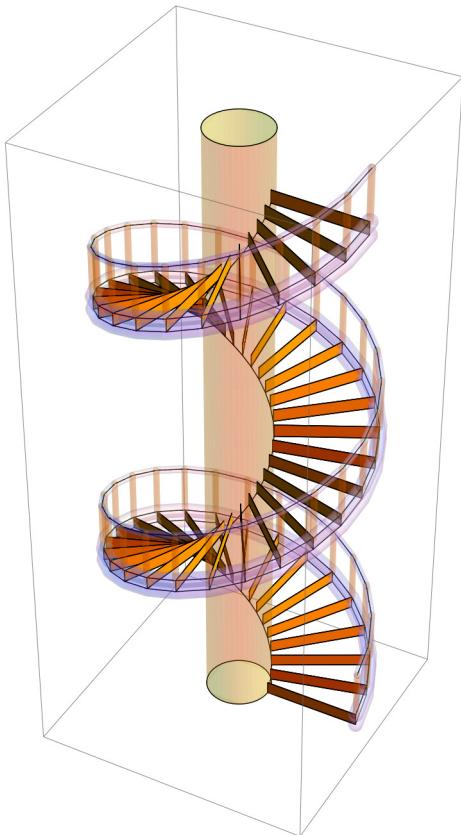
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| | Experience | Education |
|-------------------|---|-----------|
| 10/2015 - Now | Dixie Lab : Co-founder | |
| 05/2013 - Now | Mathieu Venot : Consultant | |
| 09/2018 | ENSTA Bretagne : Naval Architect, MSc | |
| 04/2018 - 08/2018 | ENSTA Bretagne : Intern | |
| 09/2017 | DMS2017 : Workshop leader | |
| 03/2017 | ESBAM : Workshop leader | |
| 09/2015 - 02/2017 | ENSAPM : Workshop leader | |
| 10/2016 - 01/2017 | ENSAM - ENSCI Les Ateliers : Studio tutor | |
| 11/2016 | Dixie Lab : DixieVR publication | |
| 09/2016 | AAG2016 : Workshop leader | |
| 09/2016 | ENSAPM : Master thesis publication | |
| 09/2013 - 09/2016 | ENSAPM : Studio & Workshop tutor | |
| 06/2016 | ENSAPM : Architect, MArch | |
| 06/2015 - 08/2015 | LeFabShop : Intern | |
| 07/2013 | EZCT : Intern | |
| 07/2011 | Port Napoleon : Intern | |

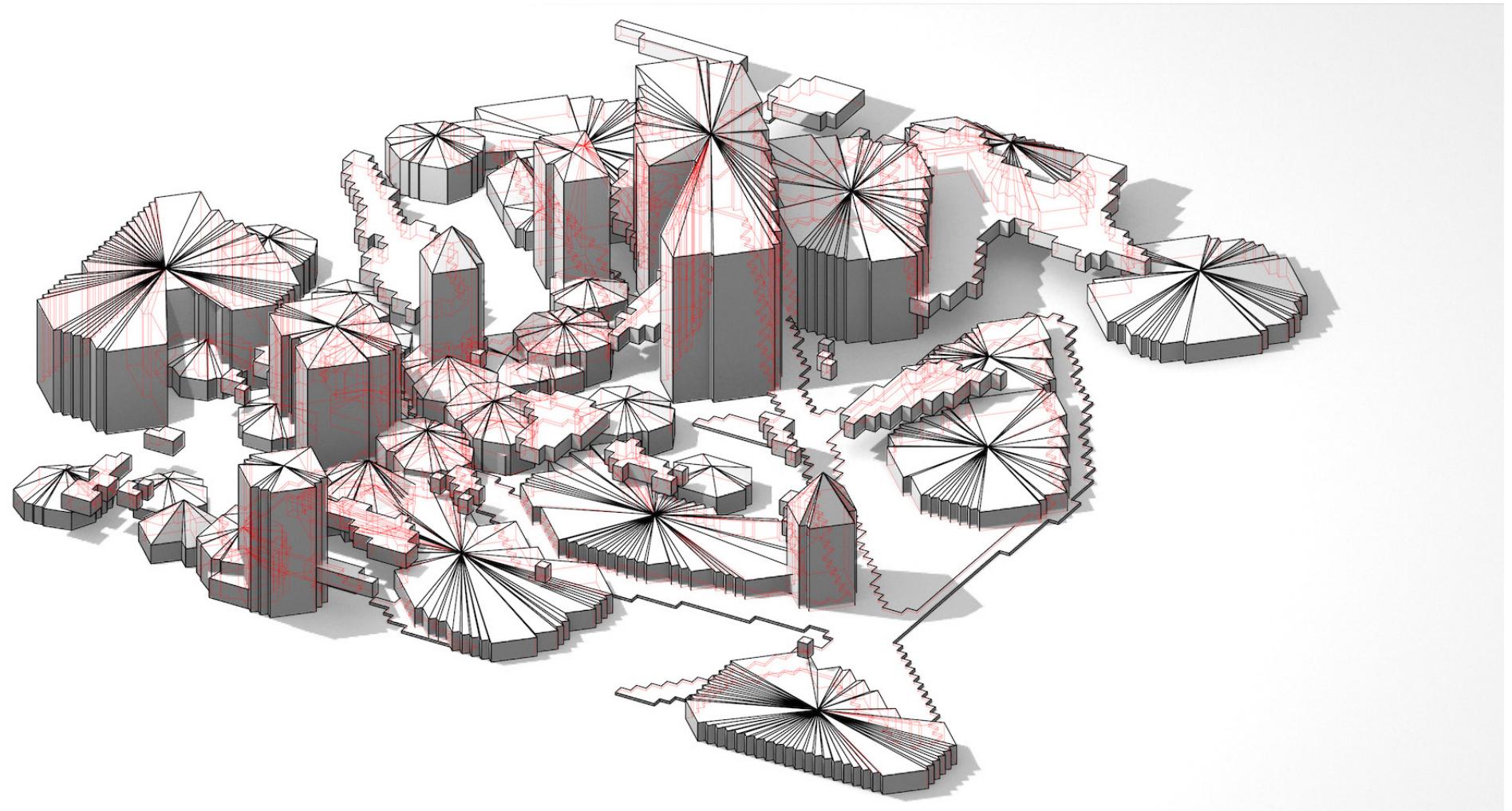


Mathematical programming
Helicoidal stair construction by mathematical operations
[Academic]

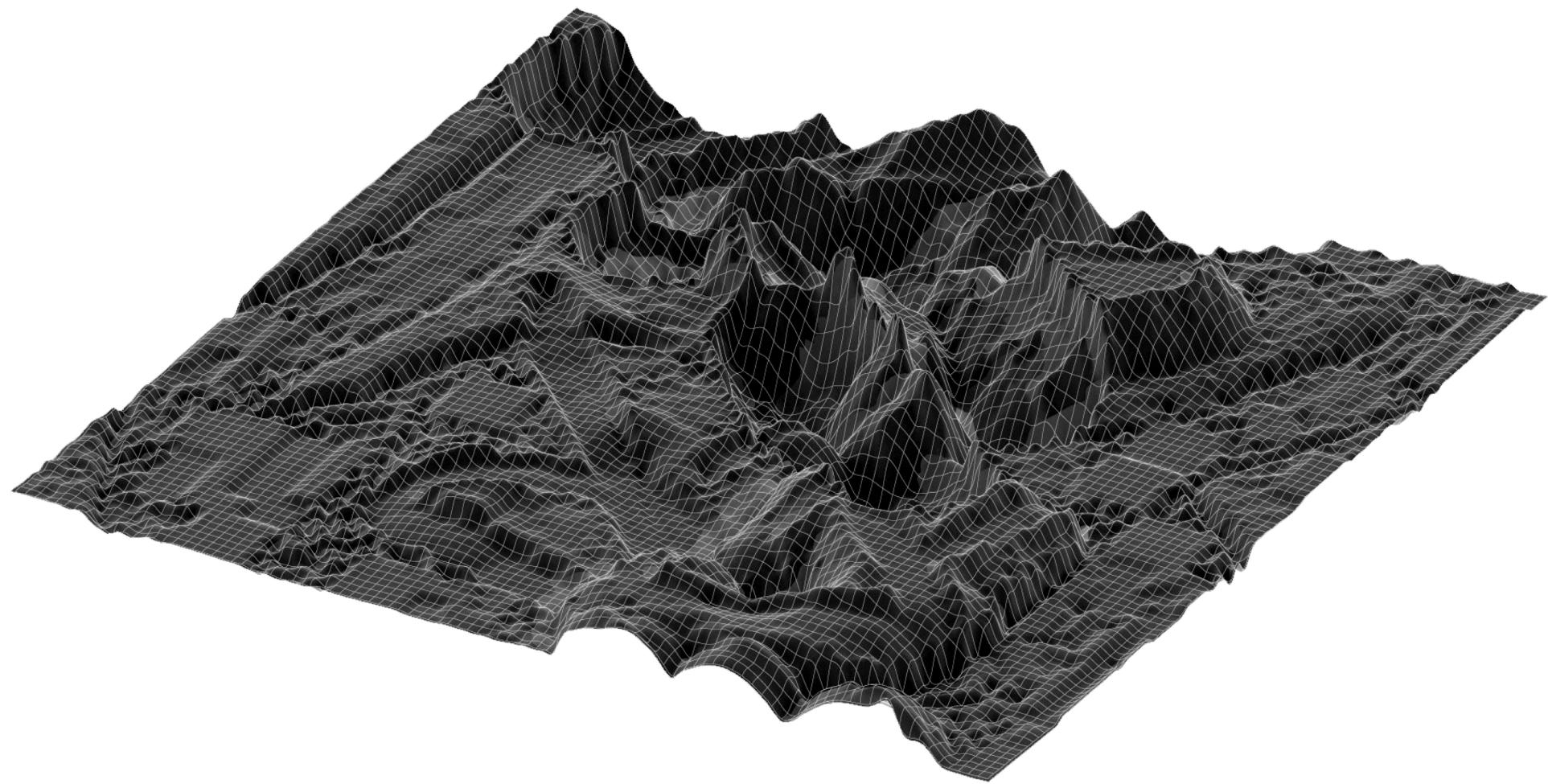
```
Show[{nonbezier1, nonbezier2, ligneh, lignehnez, tube, lignegarde,  
lignemarche, tubegarde, surfcm, tubemarche, tubeext, barriere}]
```

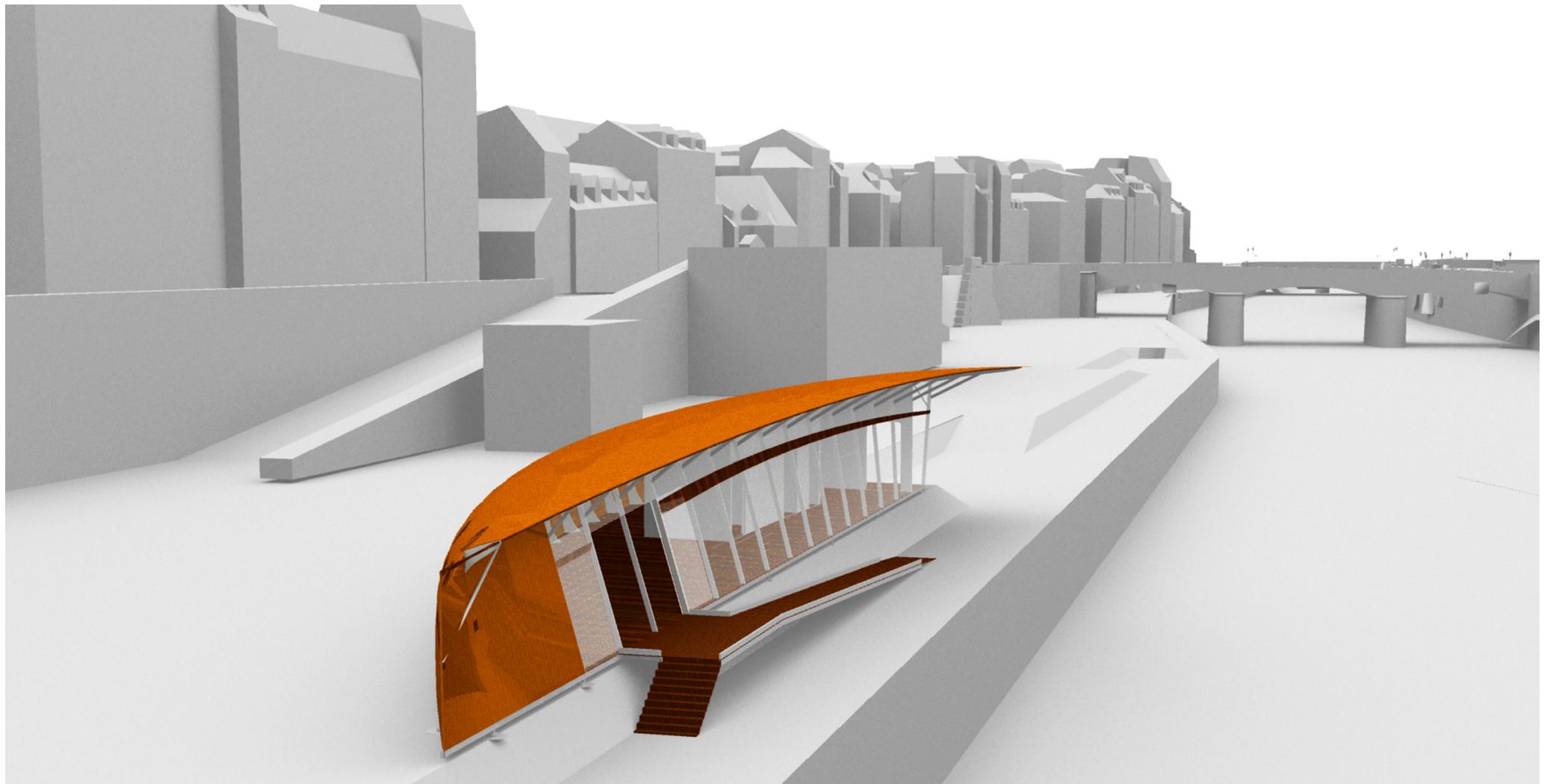


```
pointsSurfMarchel =  
Table[{ptsMarchesIntOK1[[i, j]], ptsMarchesExtOK1[[i, j]], ptsMarchesExtOK1[[  
i, j + 1]], ptsMarchesIntOK1[[i, j + 1]], ptsMarchesIntOK1[[i, j]]},  
{i, 1, Length[ptsMarchesIntOK1]}, {j, 1, Length[ptsMarchesExtOK1[1]]}];  
  
surfmarcheOk1 = Delete[Map[Polygon, pointsSurfMarchel, {2}], -1];
```

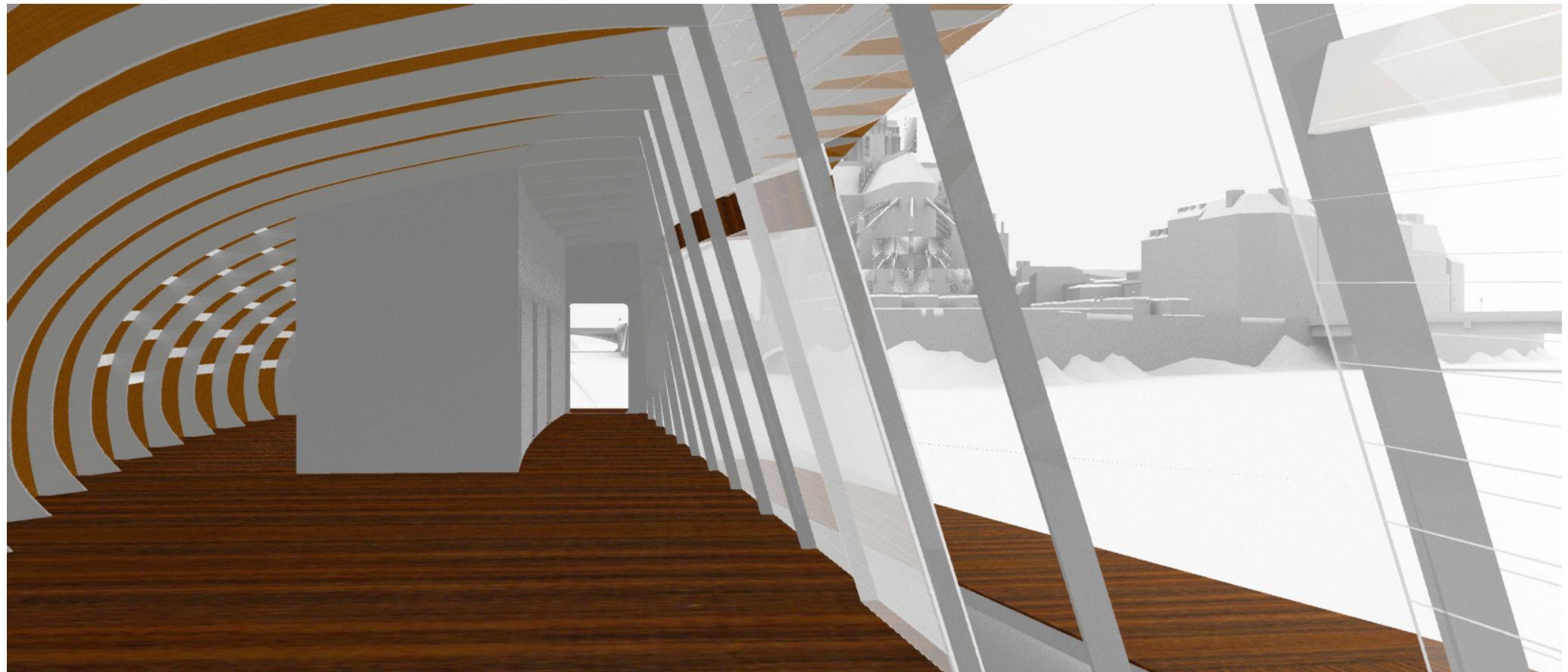


Generative Landscapes
Shape and color detection for procedural generation
[Academic]





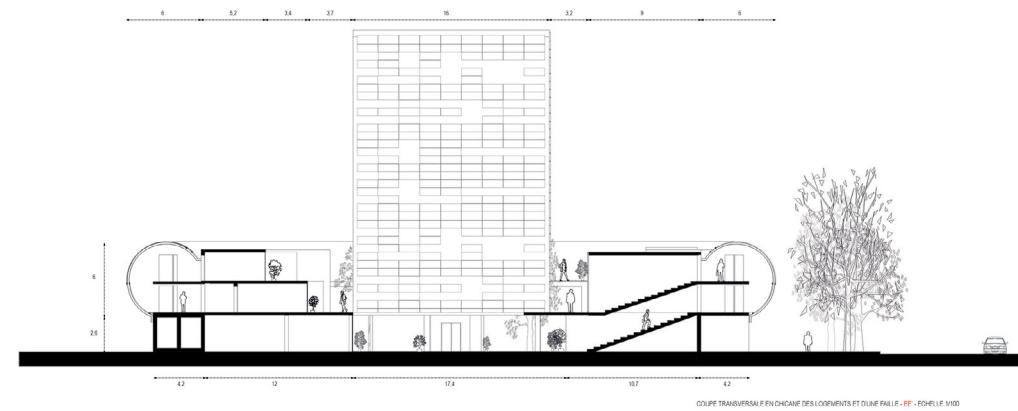
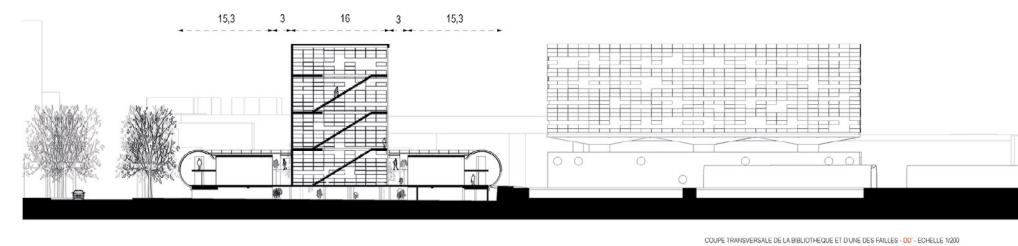
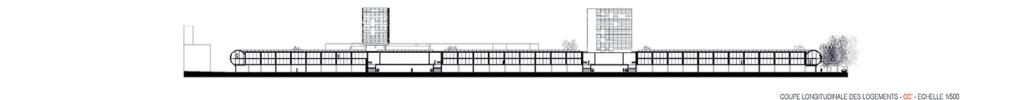
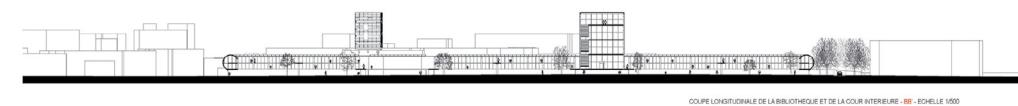
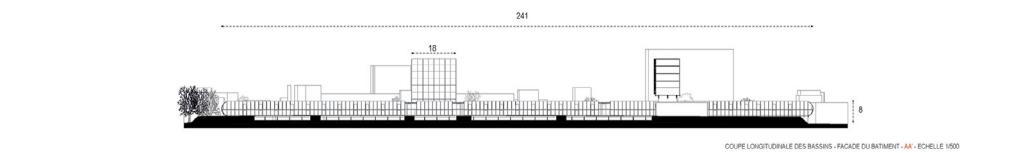
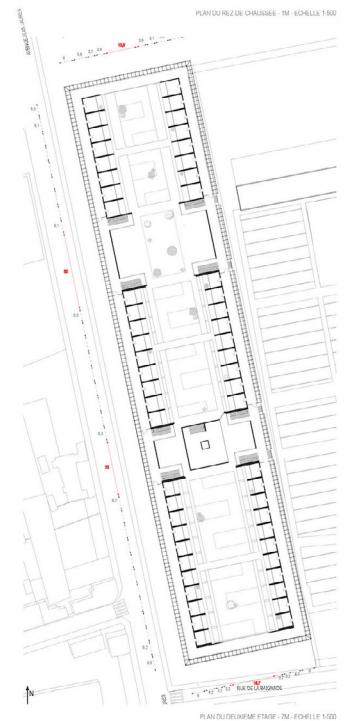
Structural Station Cover
Boat station parametric design
[Academic]

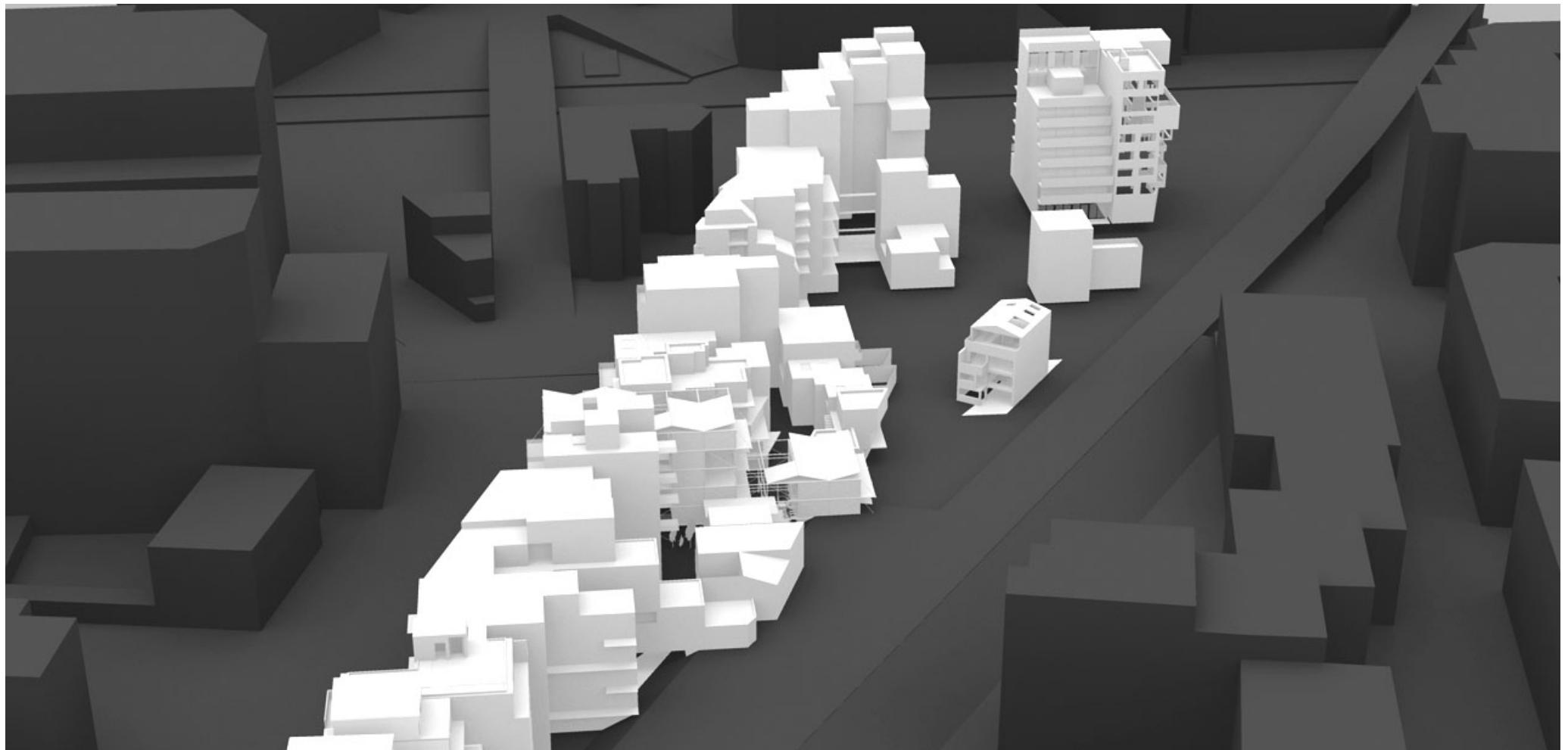




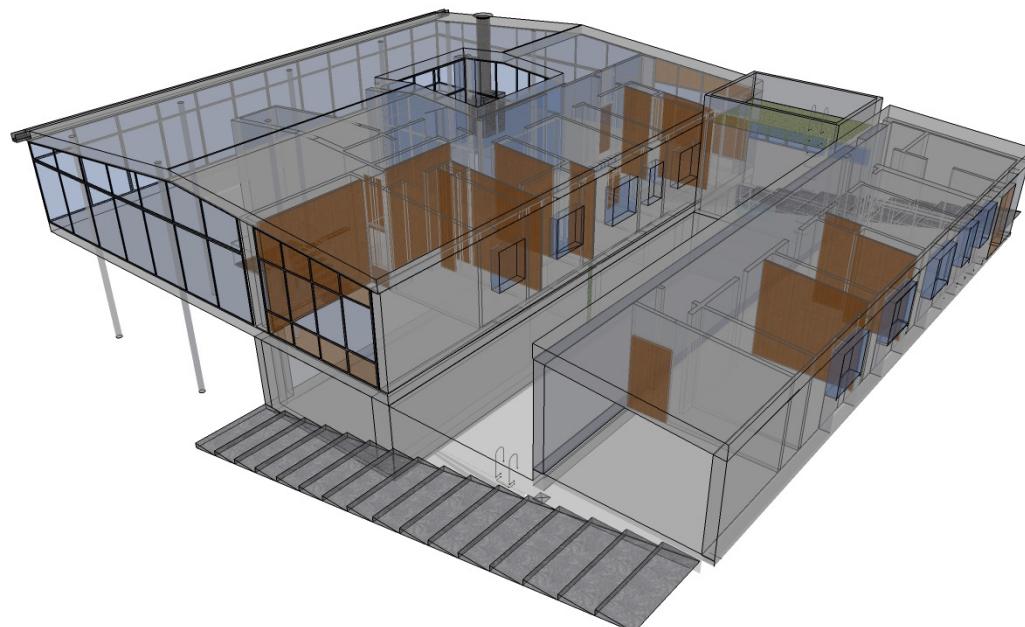
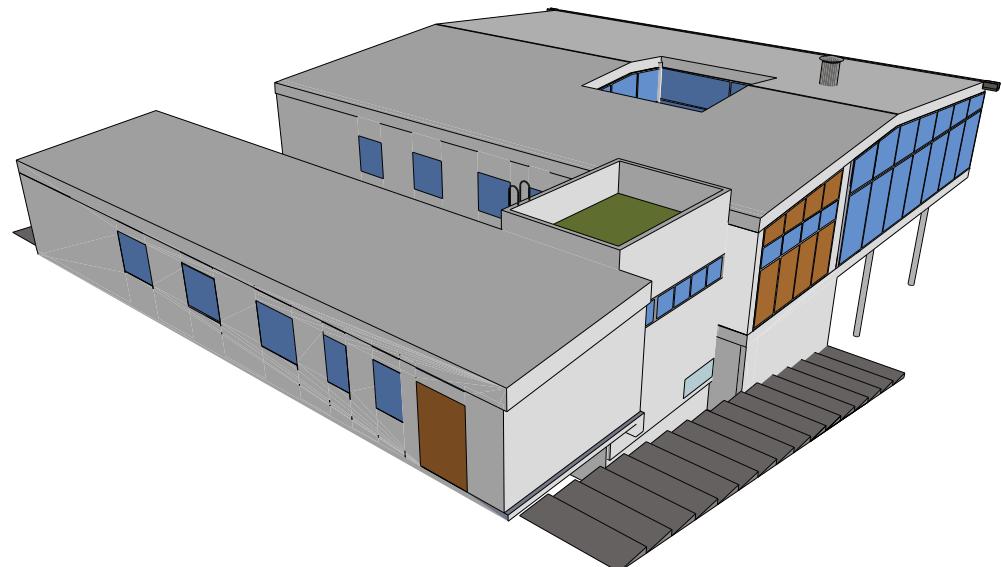
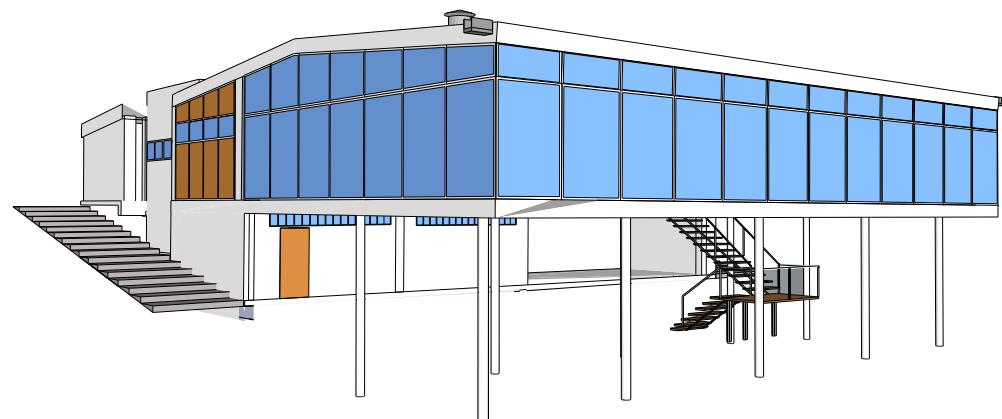
Factory Rehab

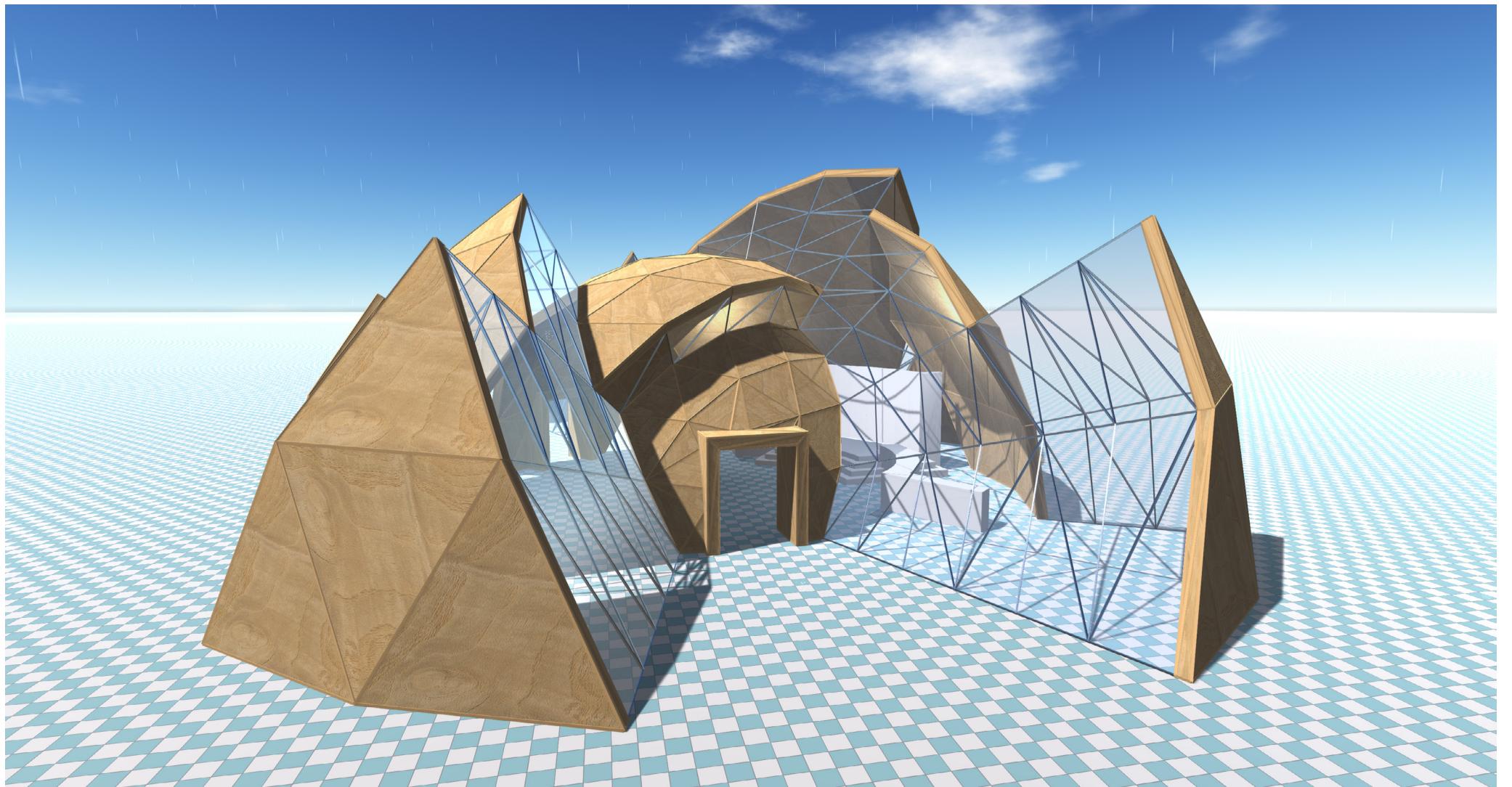
*Rehabilitation of the Ivry's water treatment factory into students complex and housing
[Academic]*



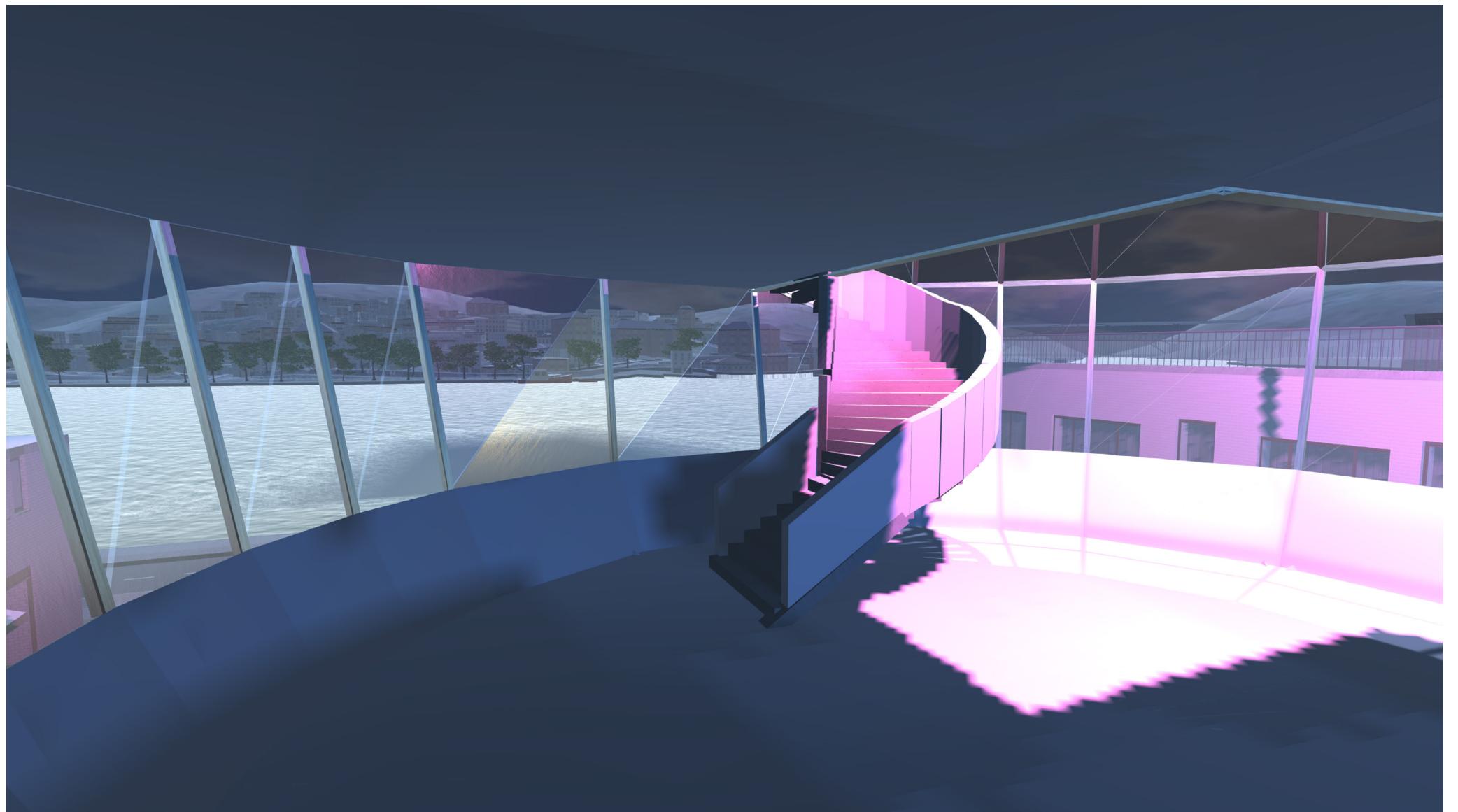


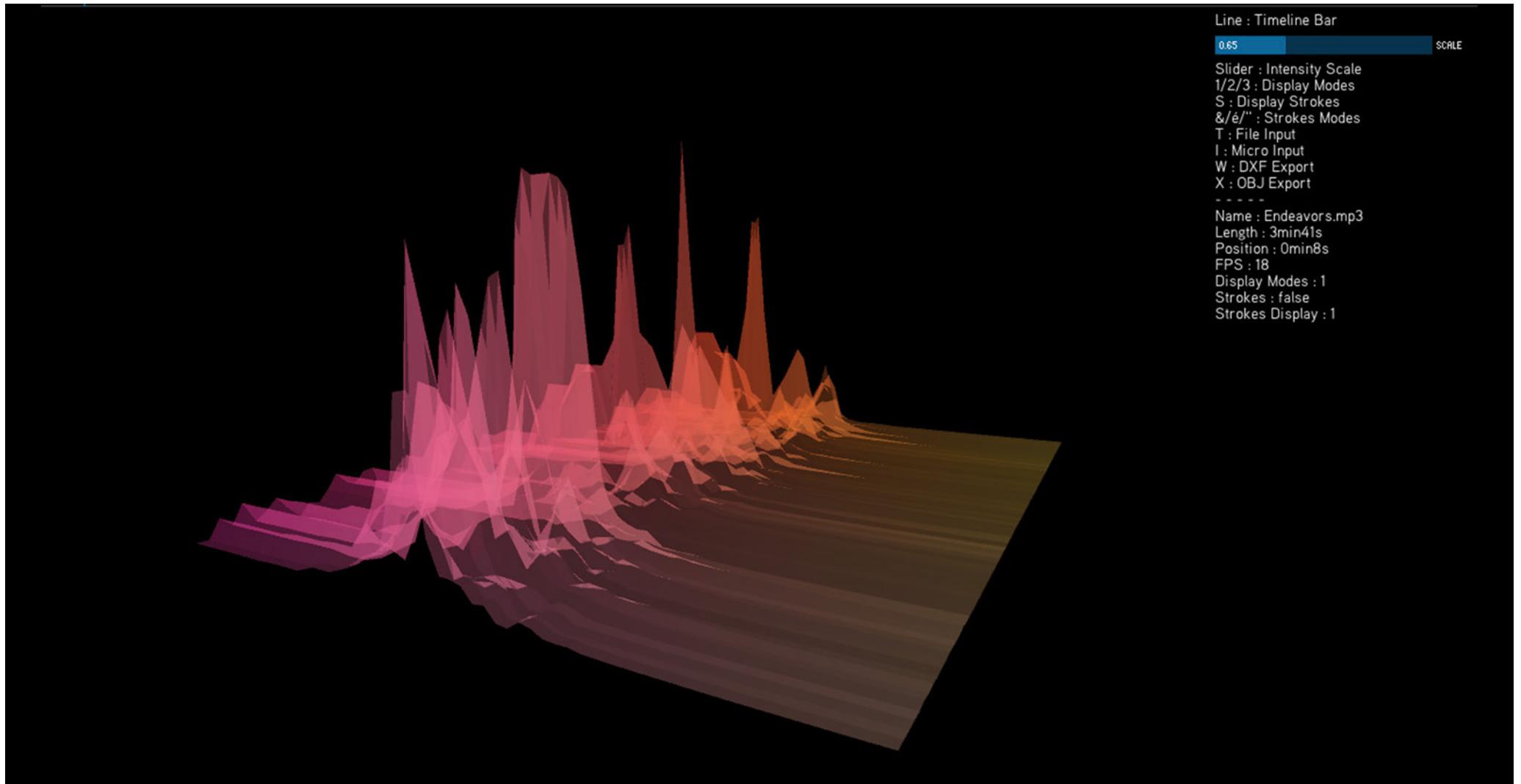
Urban and Housing
Program redefinition for Paris 19th district and housing analysis
[Academic]



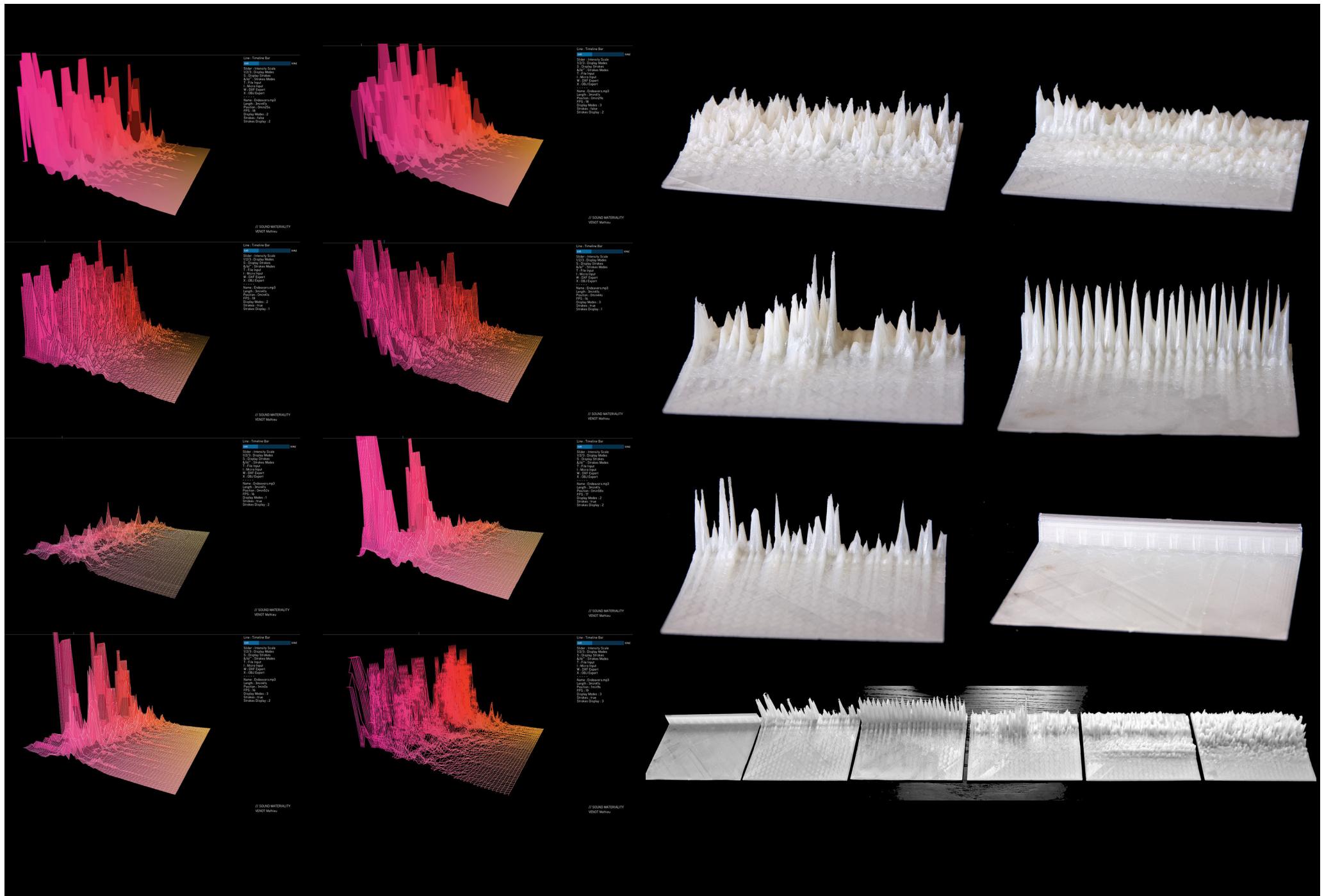


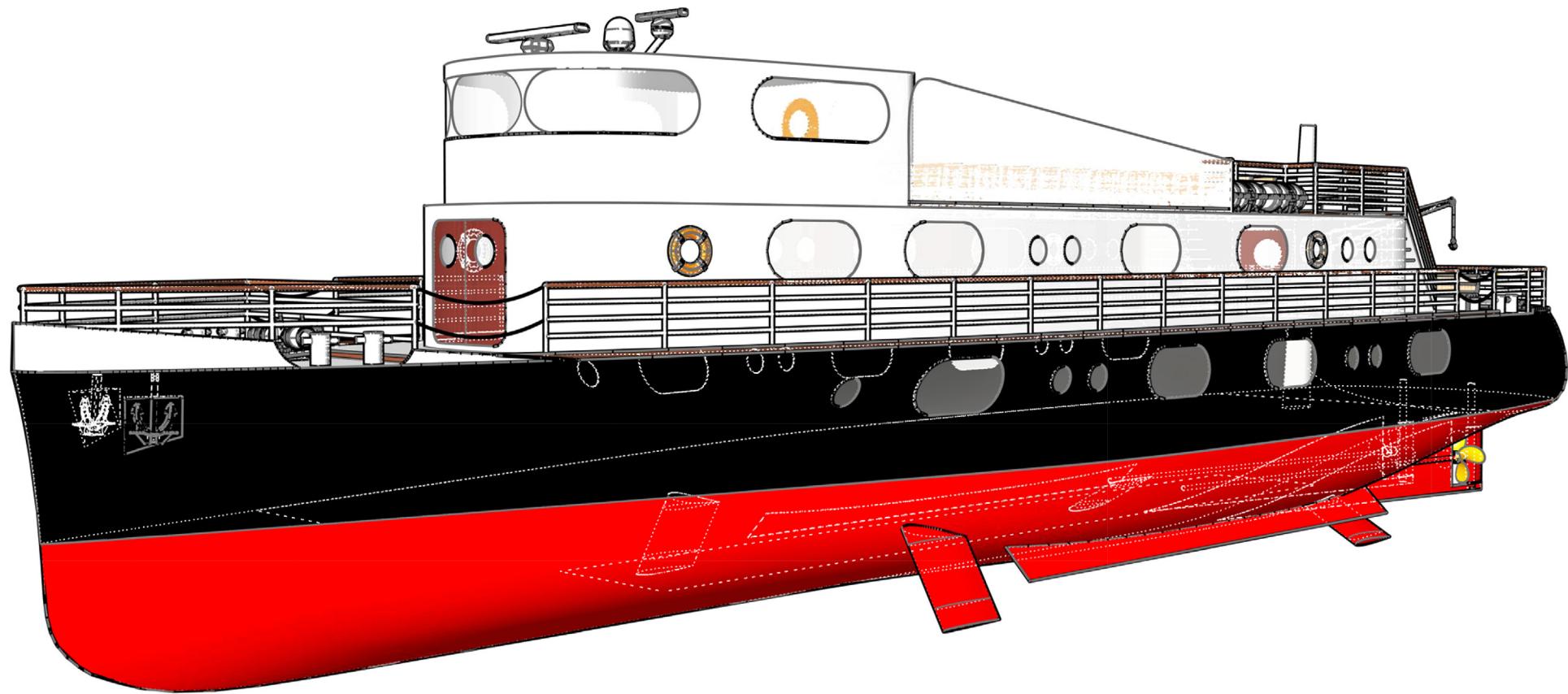
Virtual Reality Architectural Conception Software
Real-time immersive simulation, environment acquisition, interoperability and multi-user collaboration
[Academic]



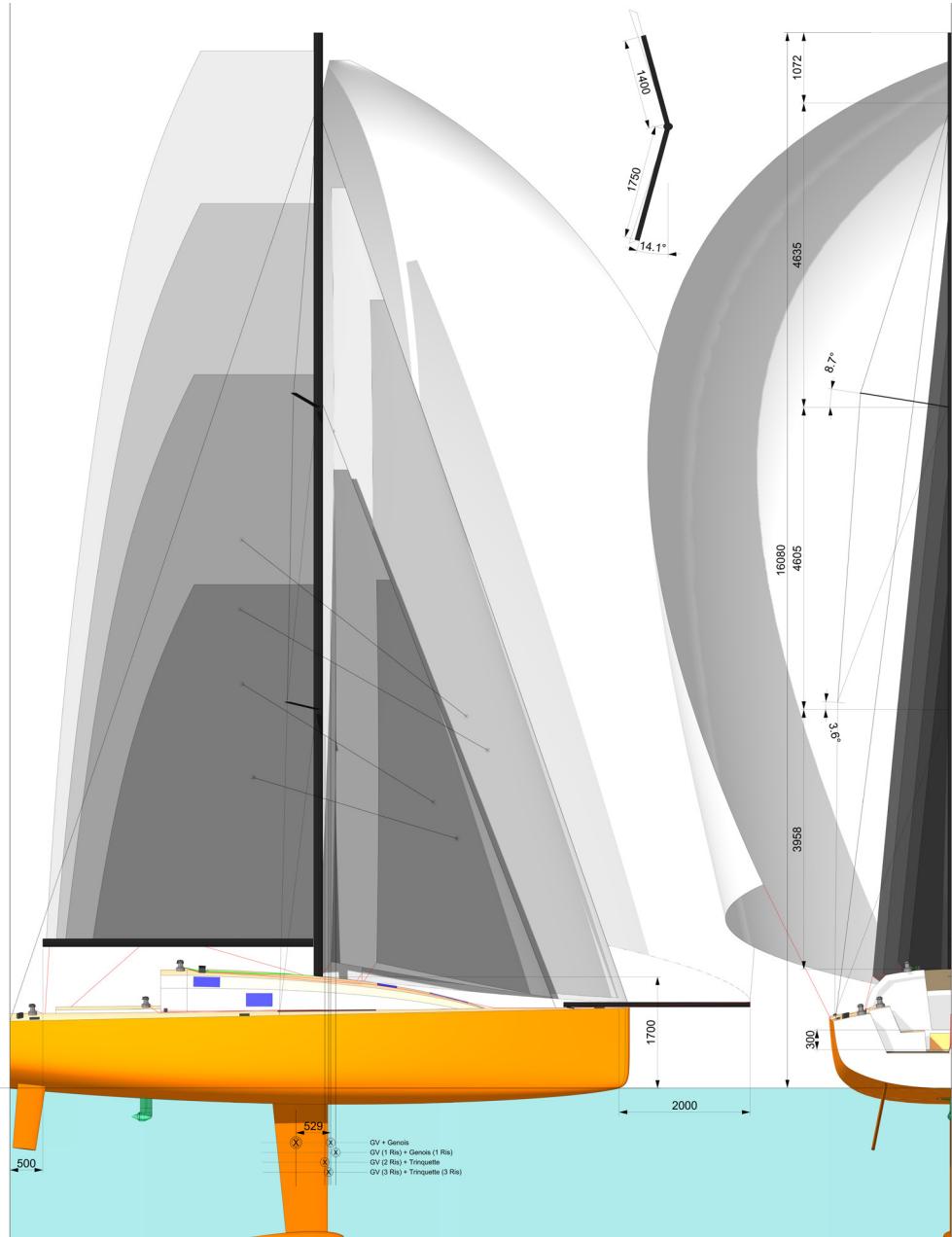


Sound Spectrum Materiality
Sound analysis and extracting for 3D printing prototyping
[Academic]



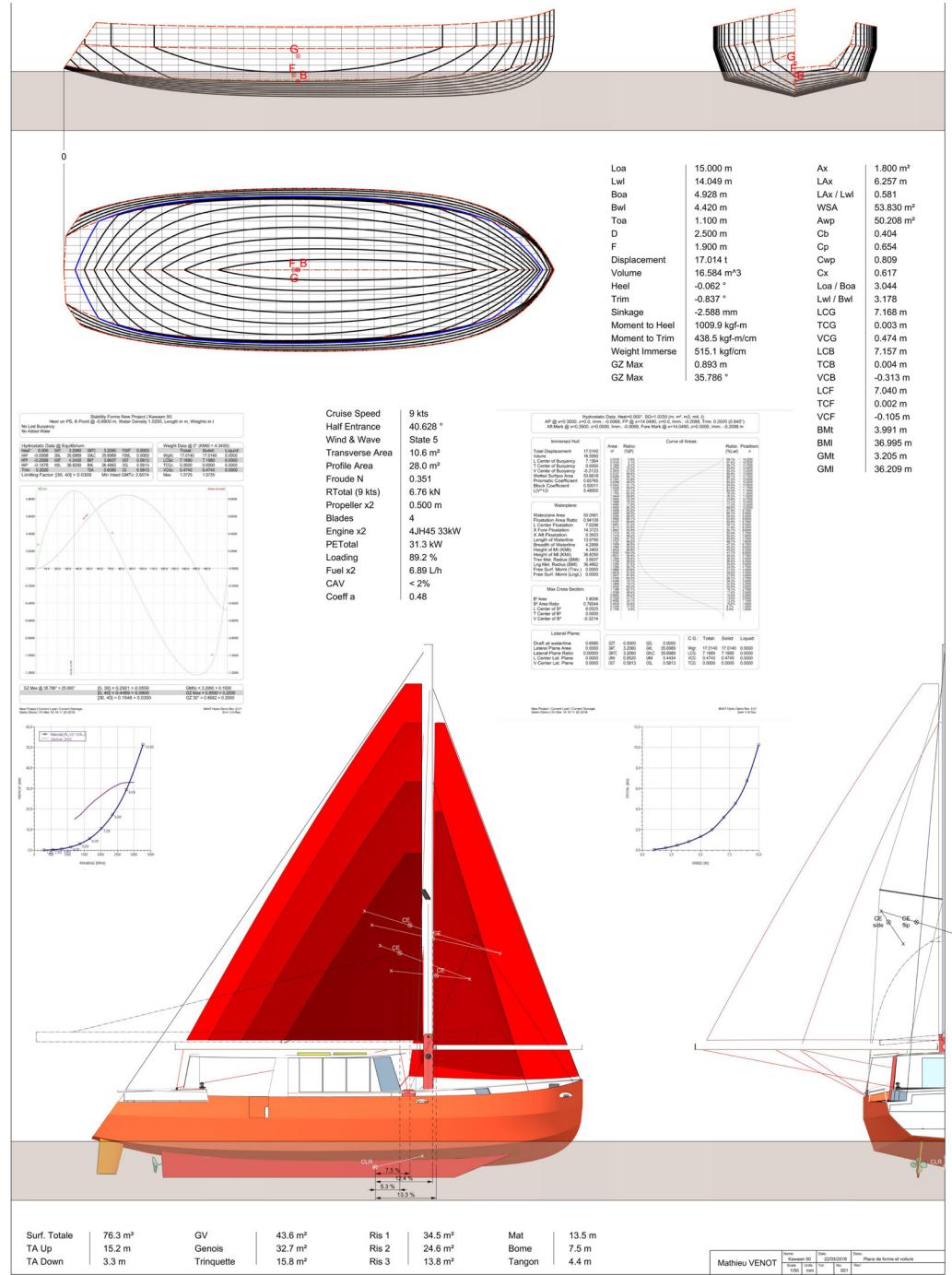


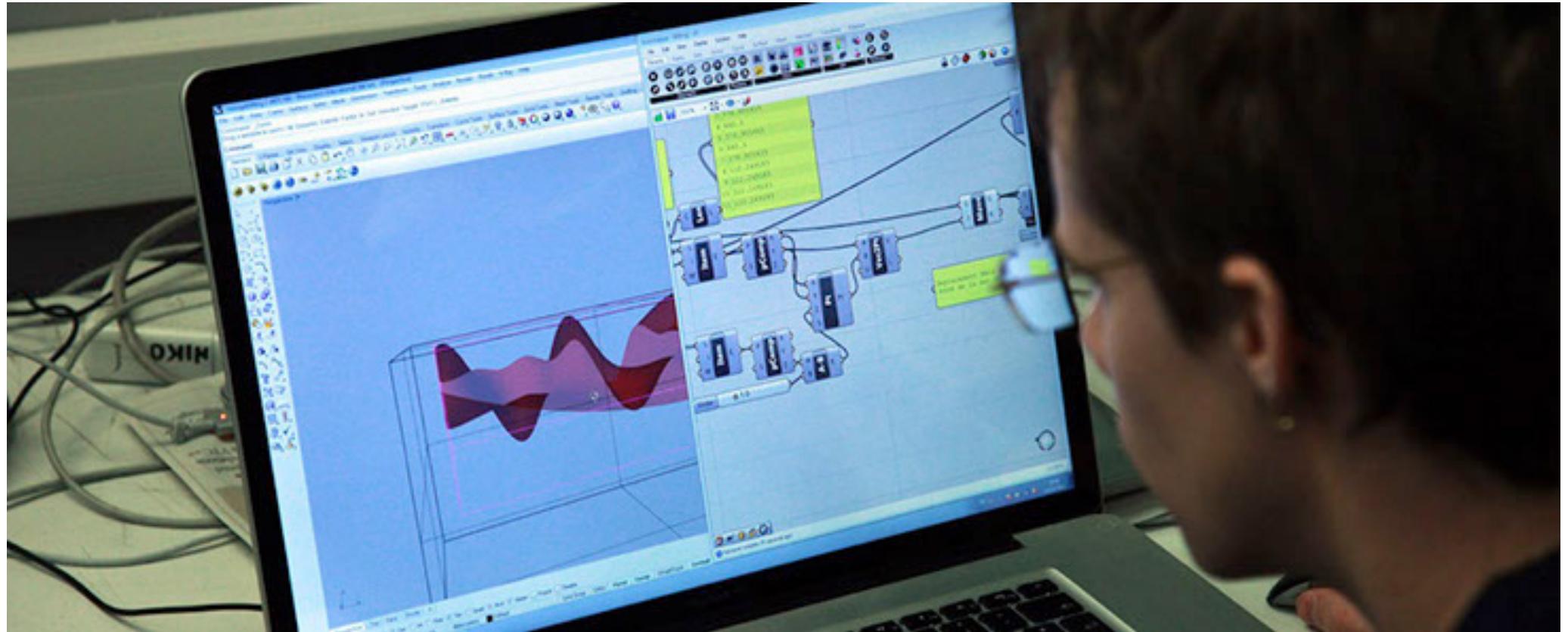
Ships Design Loops
Passenger Transport Ship, Sailing Offshore Racing Yacht and Sea/River Expedition Sailboat
[Academic]



| | | | |
|---------------|--------------------|--------------|--------------|
| Surf. Pres | 77 m ² | Main Lead | 5.74 % (1/3) |
| Surf. Portant | 160 m ² | Met | 14.38 m |
| GV | 47 m ² | Bome | 4.125 m |
| Genois | 30 m ² | Bout Dehors | 2.89 m |
| Trinquette | 14 m ² | B. Fletche 1 | 1.75 m |
| Spi | 113 m ² | B. Fletche 2 | 1.4 m |

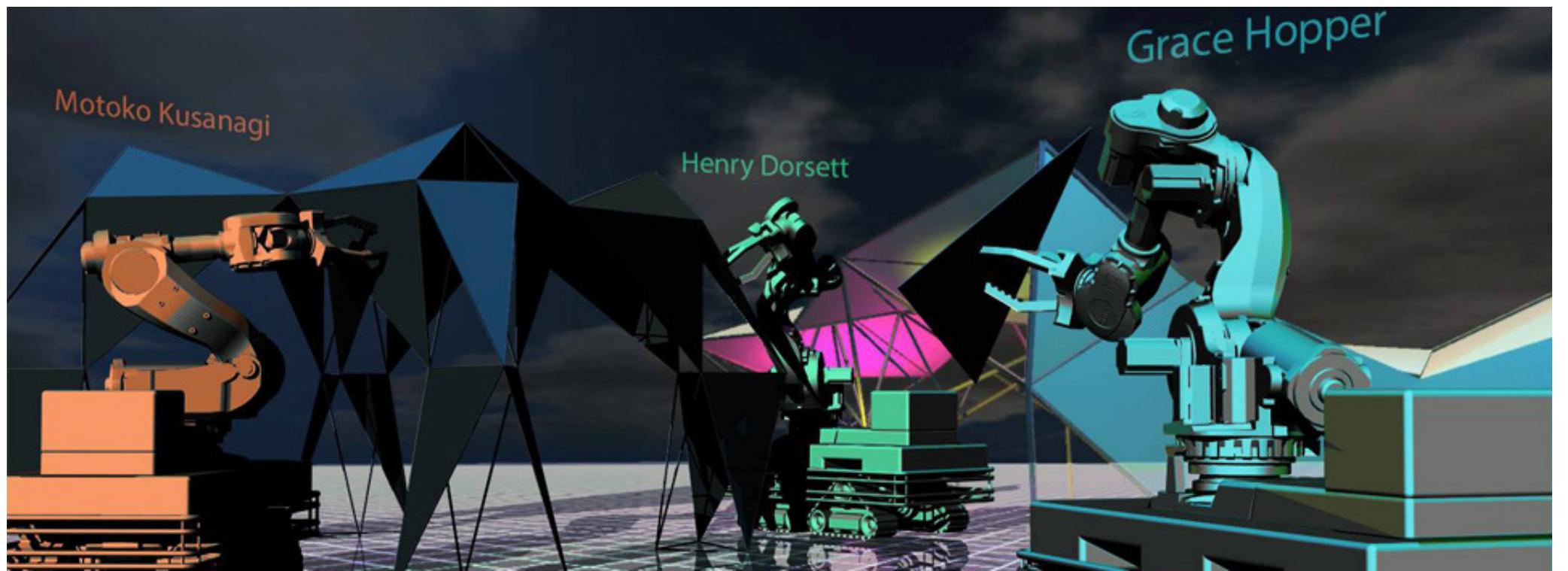
Jérémie LABASSE JLM 950 Date: 13/02/2018 Desc: Plan de voilure
 Layout No. 003 Drawn/Checked Rev:
 Series No. Tol. Rev:
 Scale 1/50 Units mm Sheet Deg. Sz. Rev:
 Leïla SALOMON Mathieu VENOT





Digital Teaching
Robotic control, prototyping, 3D modeling, parametric design and programming softwares
[Teaching]





*AAG 2016 Workshop
Multi-User Cobotics Simulation in Virtual Reality applied construction
[Teaching]*





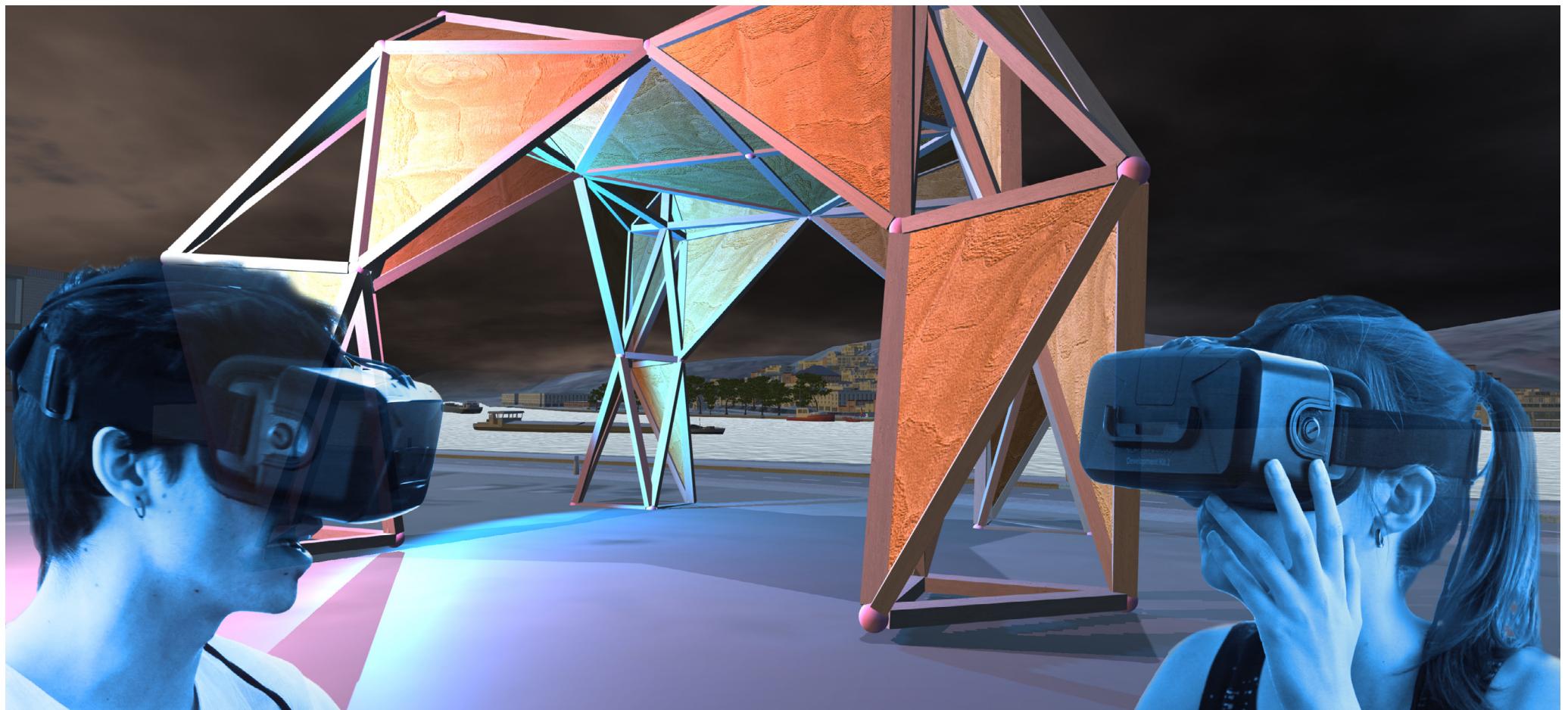
*DMS 2017 Workshop
Virtual Immersive Architecture
[Teaching]*



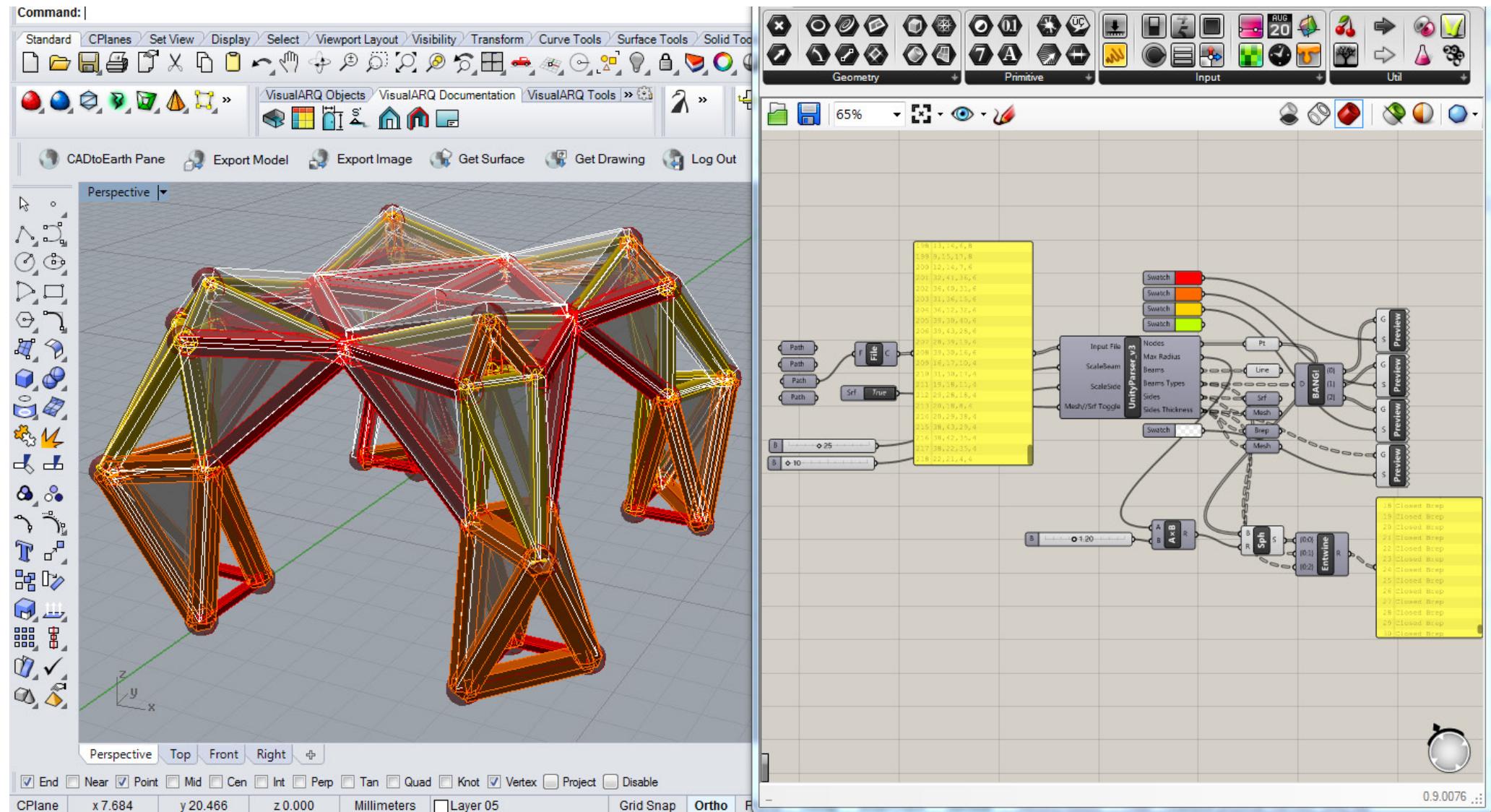


Virtual Reality Workshops
Architectural and fine arts schools, conventions and events, exhibitions and shows
[Teaching]





DixieVR
Immersive Multi-User Simulation for Architectural Conception
[Consulting]





Dixie Lab

*Virtual Reality Experts, Architectural Research, Real-time Rendering
[Consulting]*

recommended to suppress

1. squash and stretch
2. staging
3. anticipation
4. straight ahead and pose to pose
5. follow through and overlapping
6. slow in and slow out
7. arcs
8. secondary action
9. timing
10. exaggeration
11. solid drawings
12. appeal





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3D Design, 3D Printing, Digital Teaching, Naval Studies, Prototyping, Rendering
[Consulting]





*Windsurfing
Sea and lakes
[Lifestyle]*





RM 1050
*Refit after struck bottom
[Lifestyle]*





First 35
One year around the North Atlantic Ocean
[Lifestyle]





Coco 650
*Parents skippers on mediterranean Classe Mini circuit
[Lifestyle]*





Freyinet Barge
Home living, handmade interior and equipments installation
[Lifestyle]



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