

Mathieu VENOT

mathieuvenot.com



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2 Rue du Frère Bernardin
56800 Ploërmel FRANCE

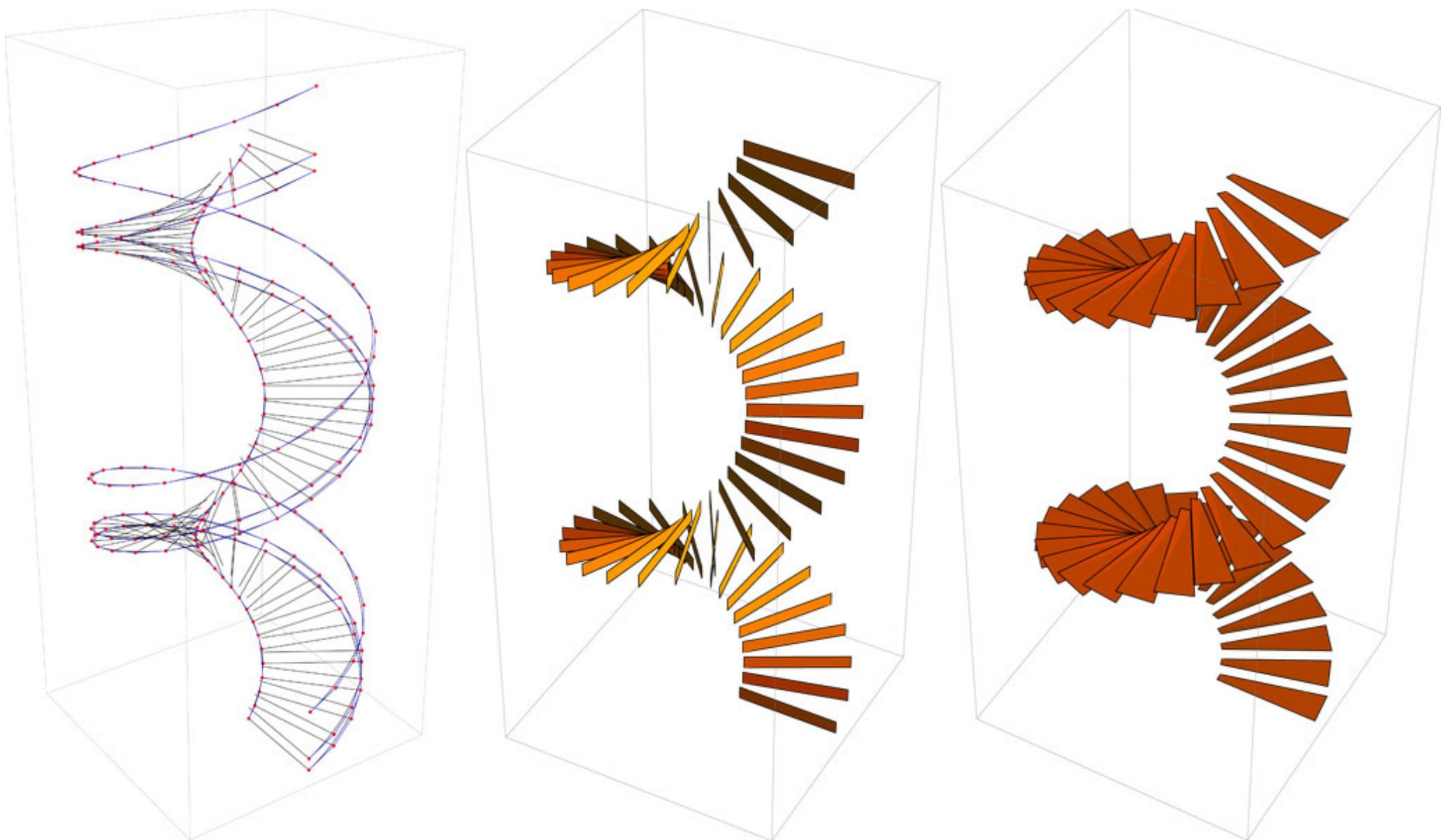
+336.79.33.64.10
mat.venot@gmail.com

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

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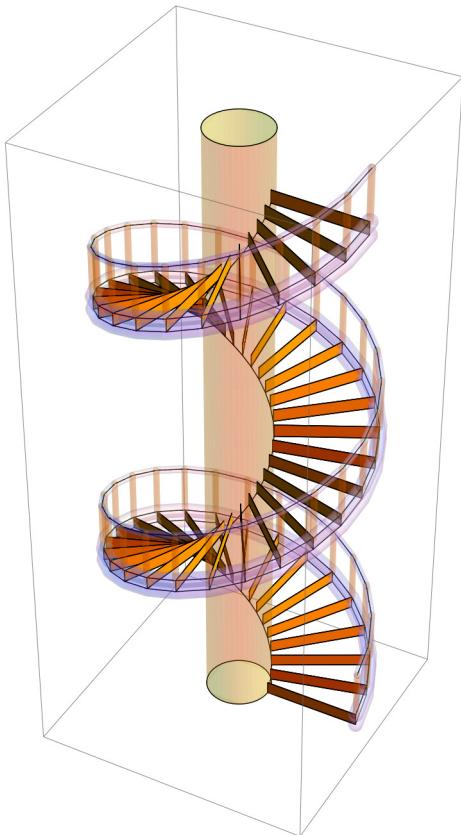
Experience
Education

-
- 2017/09 - Actual ENSTA Bretagne : Naval Architect, MSc
- 2015/10 - Actual Dixie Lab : Co-founder
- 2013/05 - Actual Mathieu Venot : Freelancer
- 2017/09 DMS2017 : Workshop leader
- 2017/03 ESBAM : Workshop leader
- 2015/09 - 2017/02 ENSAPM : Workshop leader
- 2016/10 - 2017/01 ENSAM - ENSCI Les Ateliers : Studio tutor
- 2016/11 Dixie Lab : DixieVR publication
- 2016/09 AAG2016 : Workshop leader
- 2016/09 ENSAPM : Master thesis publication
- 2013/09 - 2016/09 ENSAPM : Workshop tutor
- 2016/06 ENSAPM : Architect, MArch
- 2015/06 - 2015/08 LeFabShop : Intern
- 2014/02 - 2014/06 ENSAPM : Studio tutor
- 2013/07 EZCT : Intern
- 2011/07 Port Napoleon : Intern

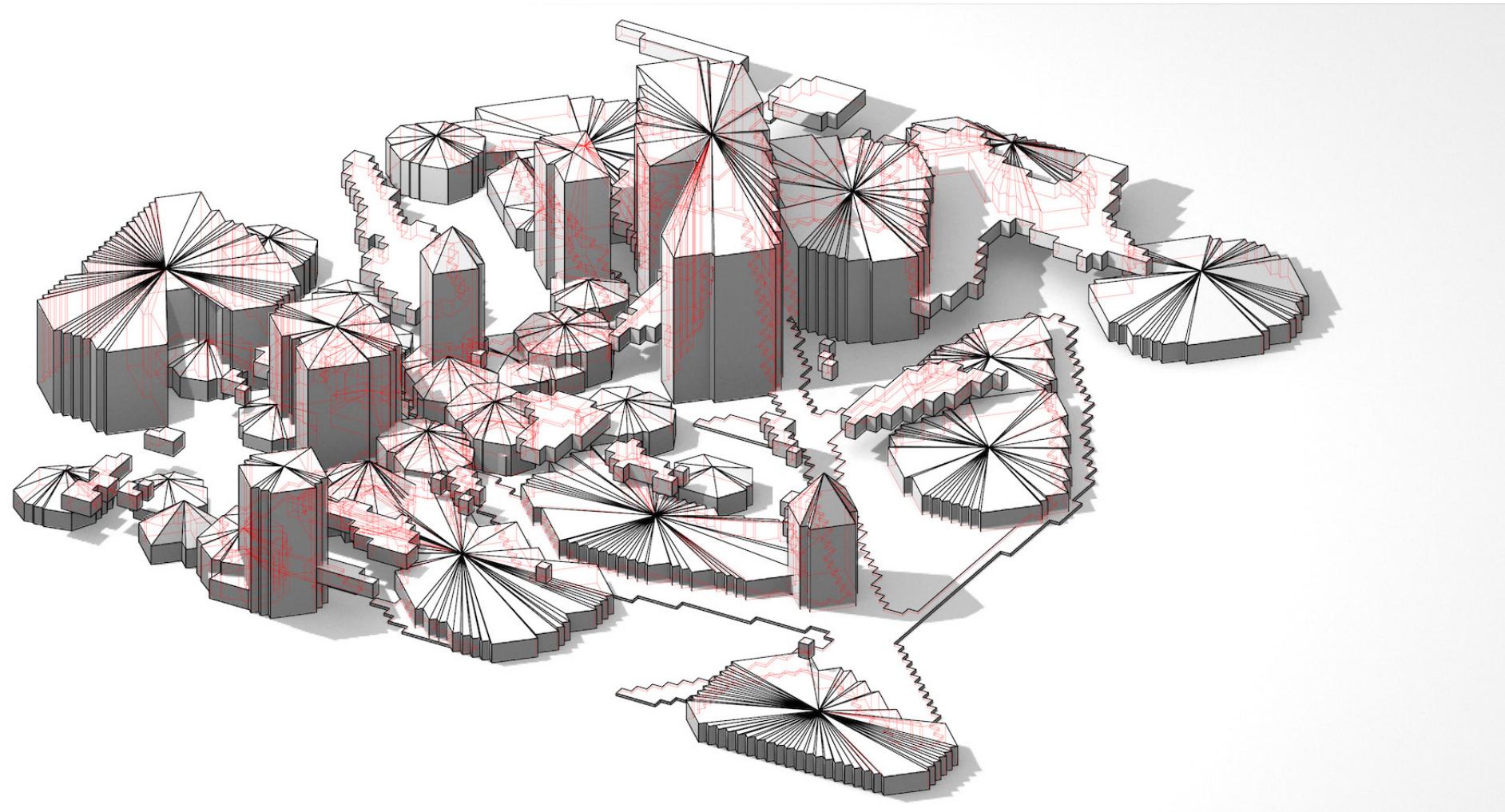


Mathematical programming
Helicoidal stair construction by mathematical operations
[Academic]

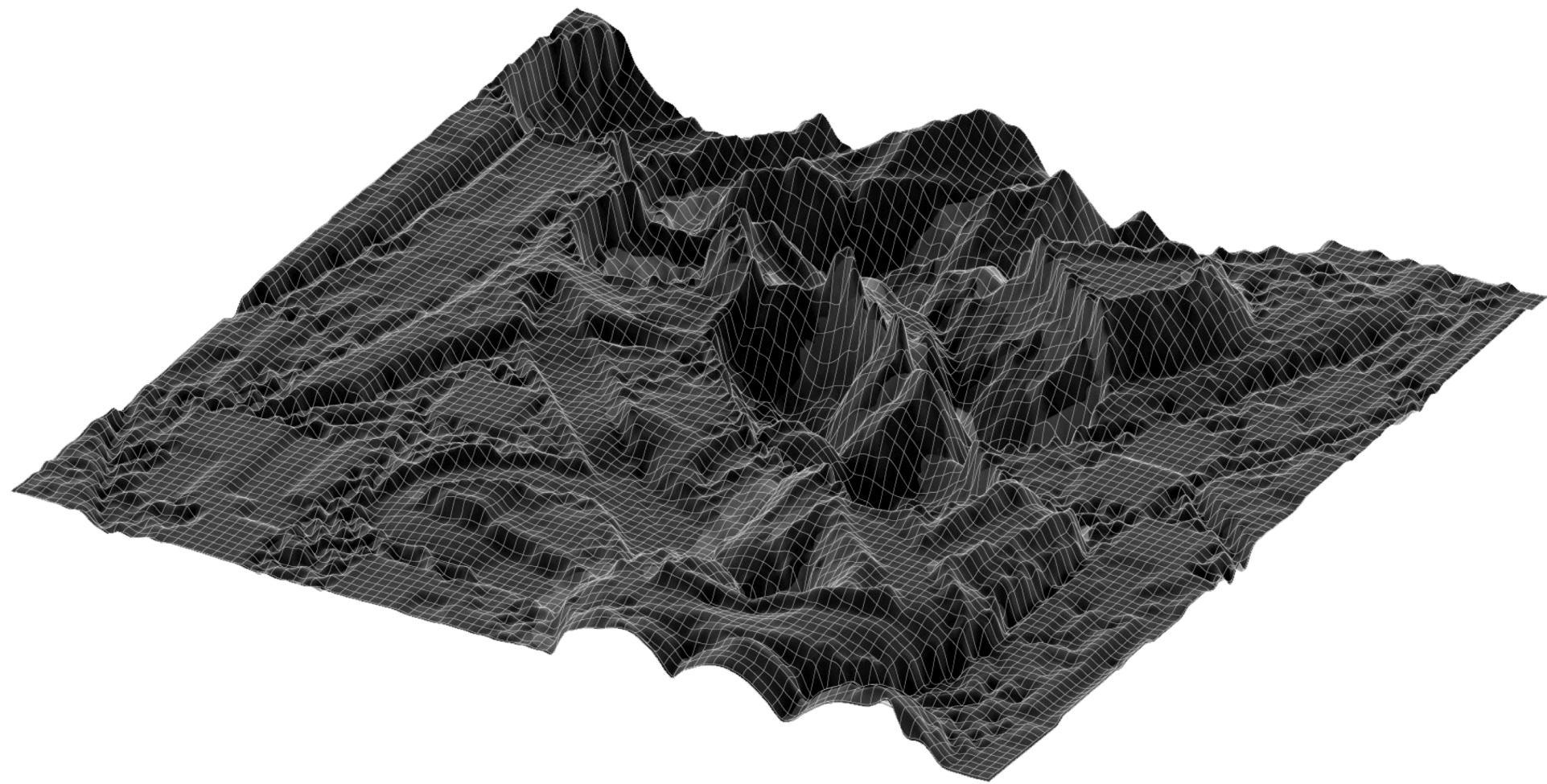
```
Show[{nonbezier1, nonbezier2, ligneh, lignehnez, tube, lignegarde,  
lignemarche, tubegarde, surfcm, tubemarche, tubeext, barriere}]
```

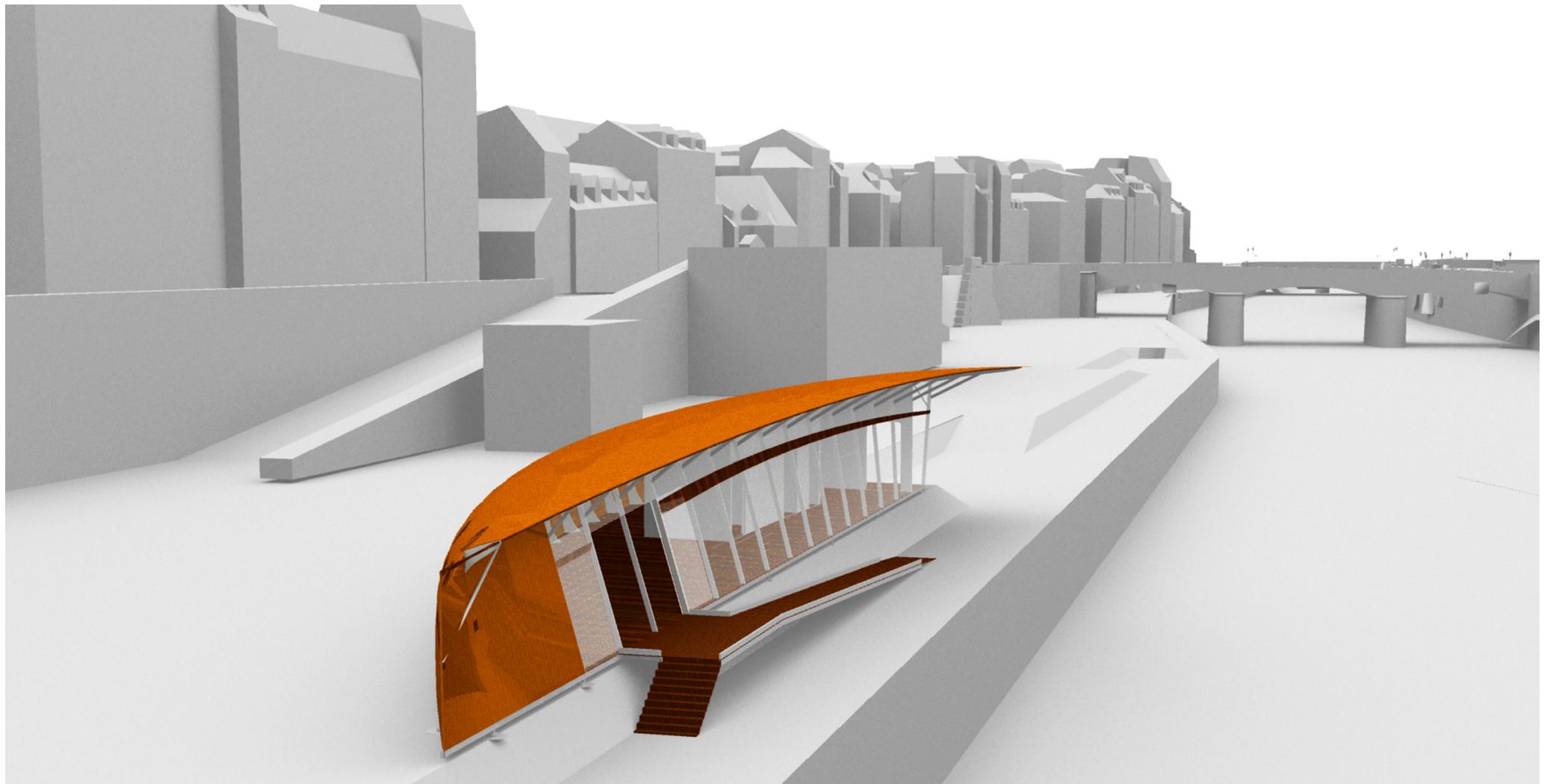


```
pointsSurfMarchel =  
Table[{ptsMarchesIntOK1[[i, j]], ptsMarchesExtOK1[[i, j]], ptsMarchesExtOK1[[  
i, j + 1]], ptsMarchesIntOK1[[i, j + 1]], ptsMarchesIntOK1[[i, j]]},  
{i, 1, Length[ptsMarchesIntOK1]}, {j, 1, Length[ptsMarchesExtOK1[1]]}];  
  
surfmarcheOk1 = Delete[Map[Polygon, pointsSurfMarchel,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

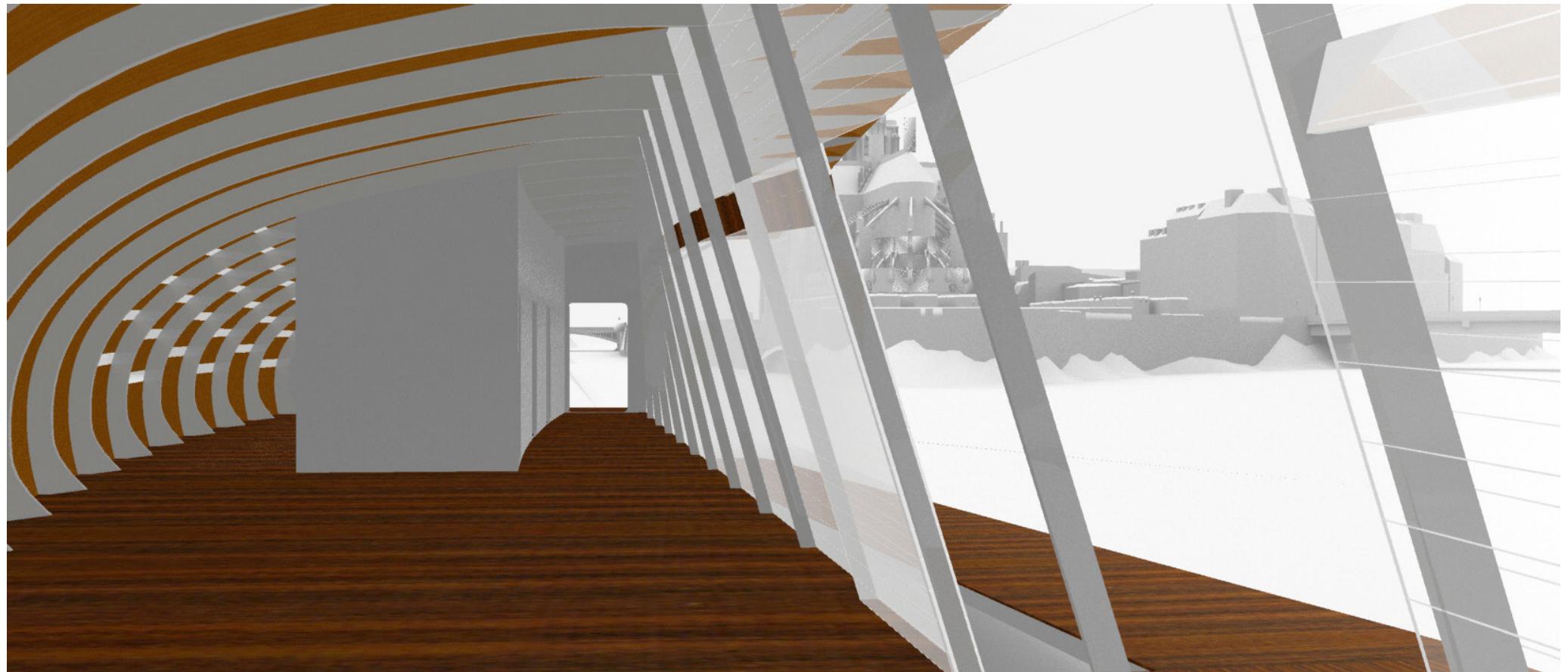


Generative Landscapes
Shape and color detection for procedural generation
[Academic]



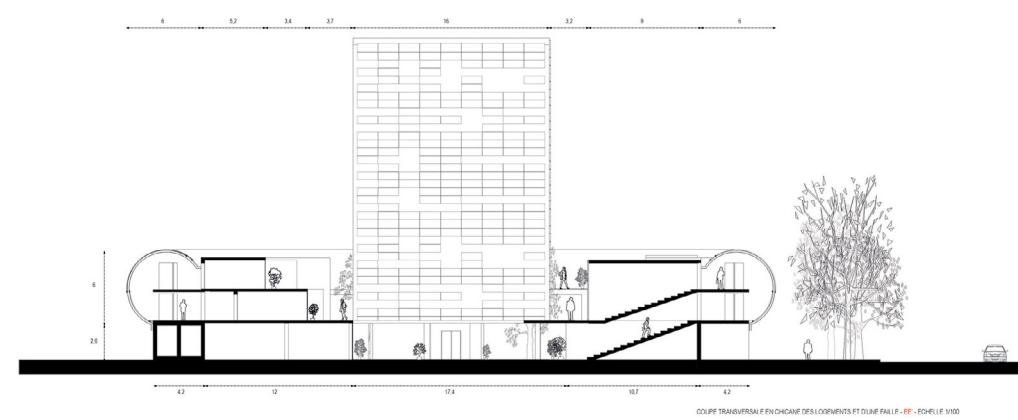
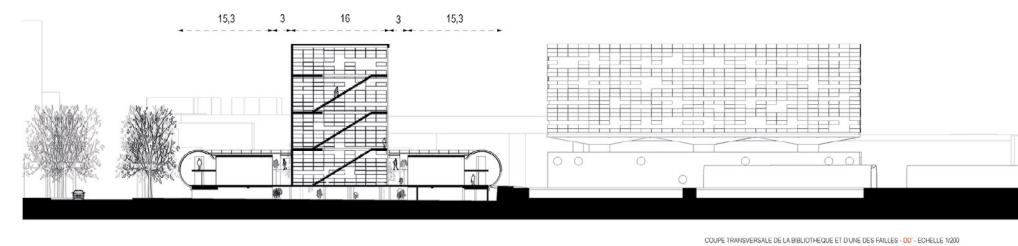
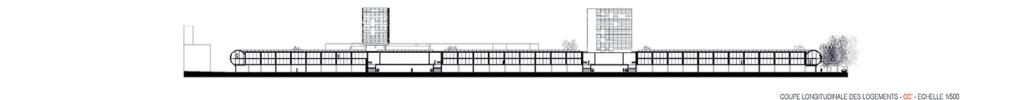
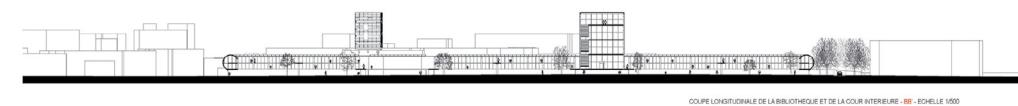
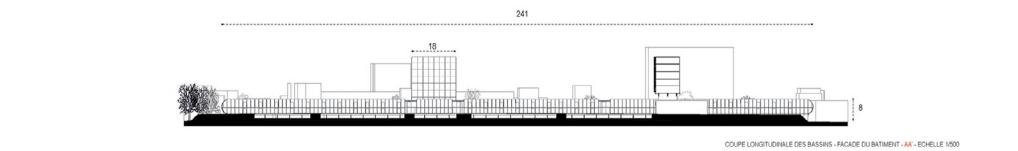
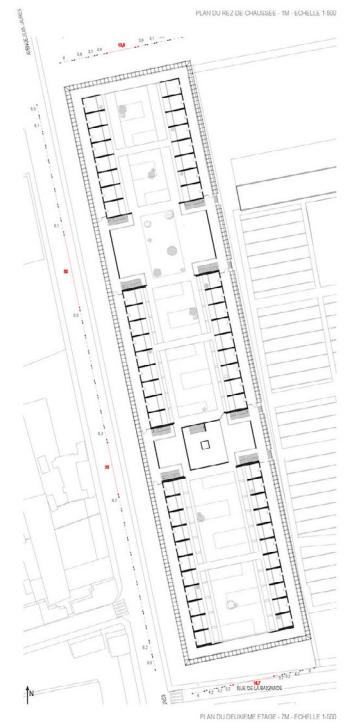


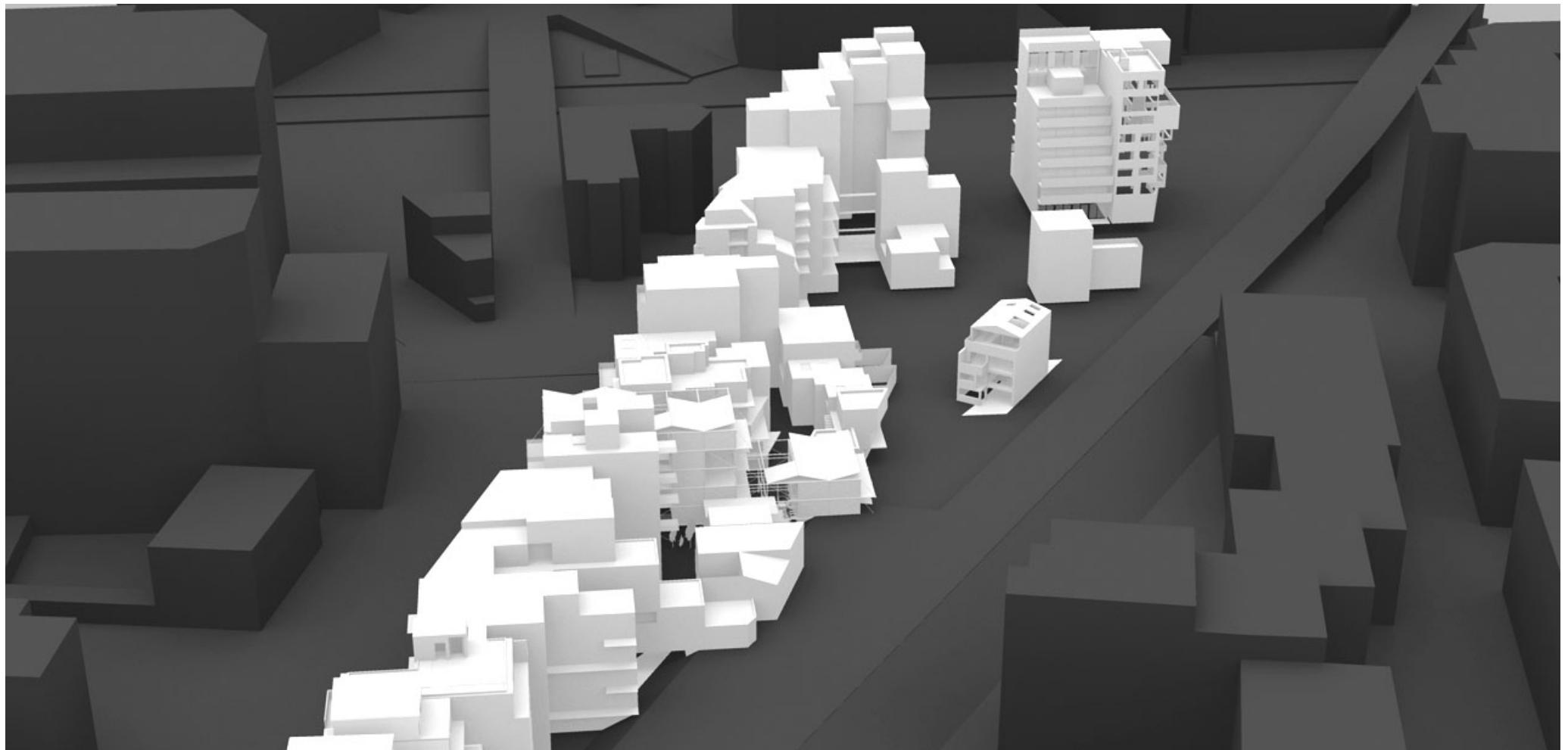
Structural Station Cover
Boat station parametric design
[Academic]



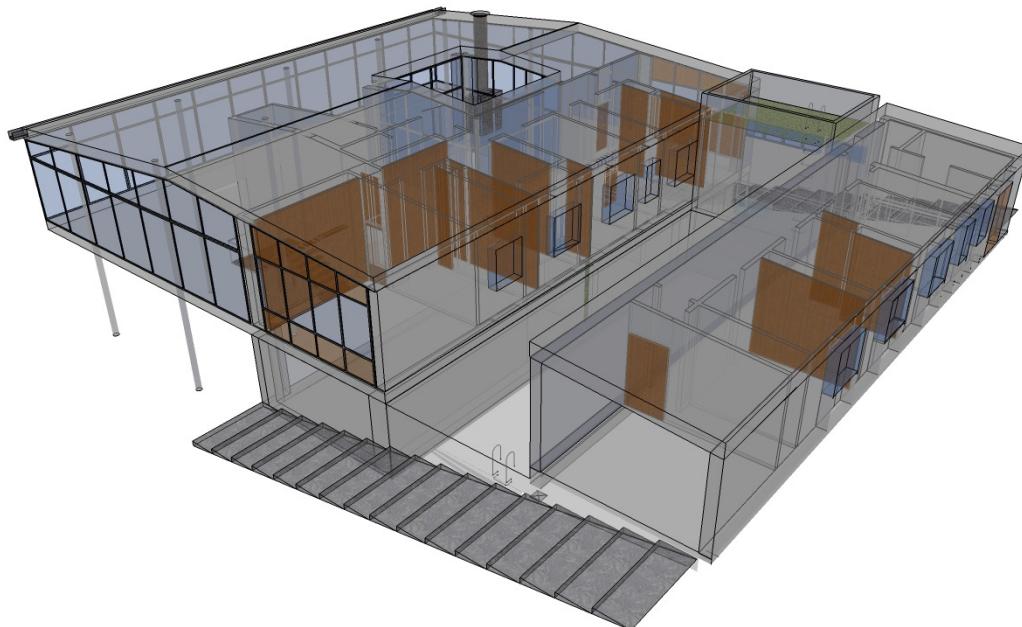
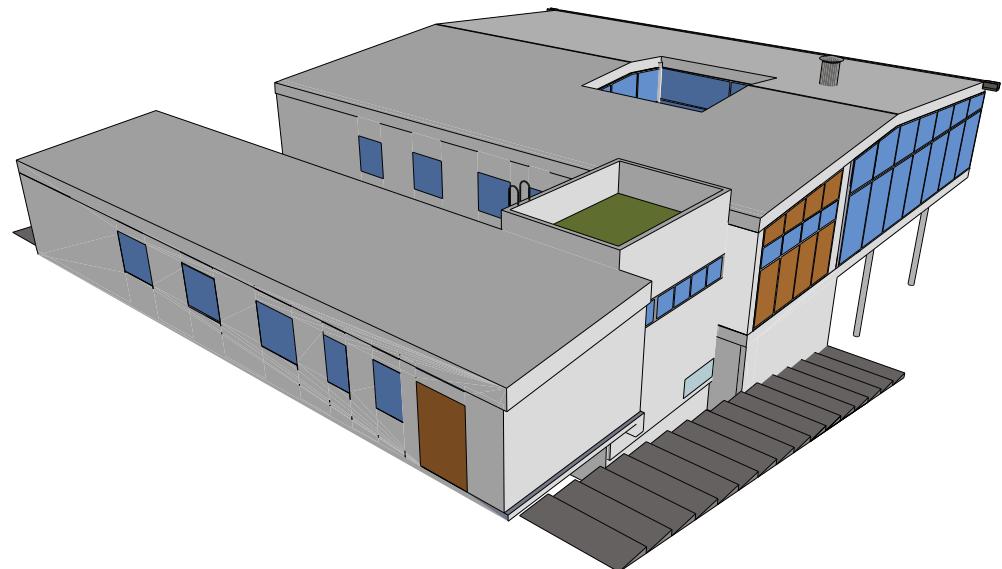
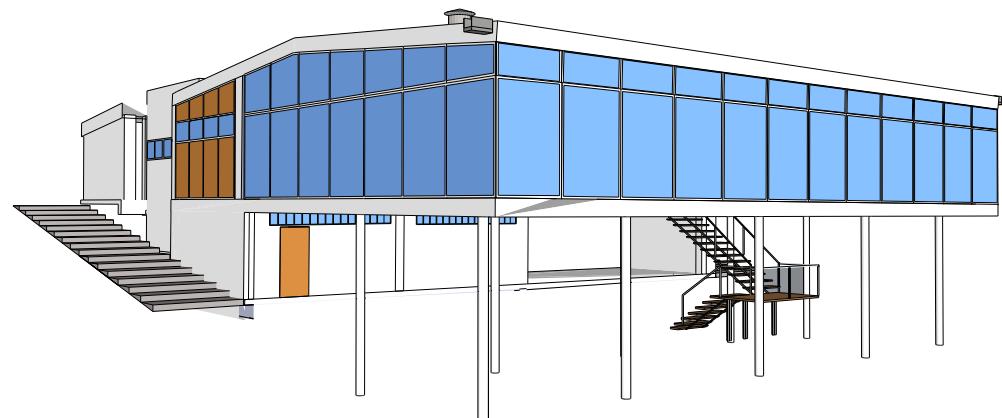


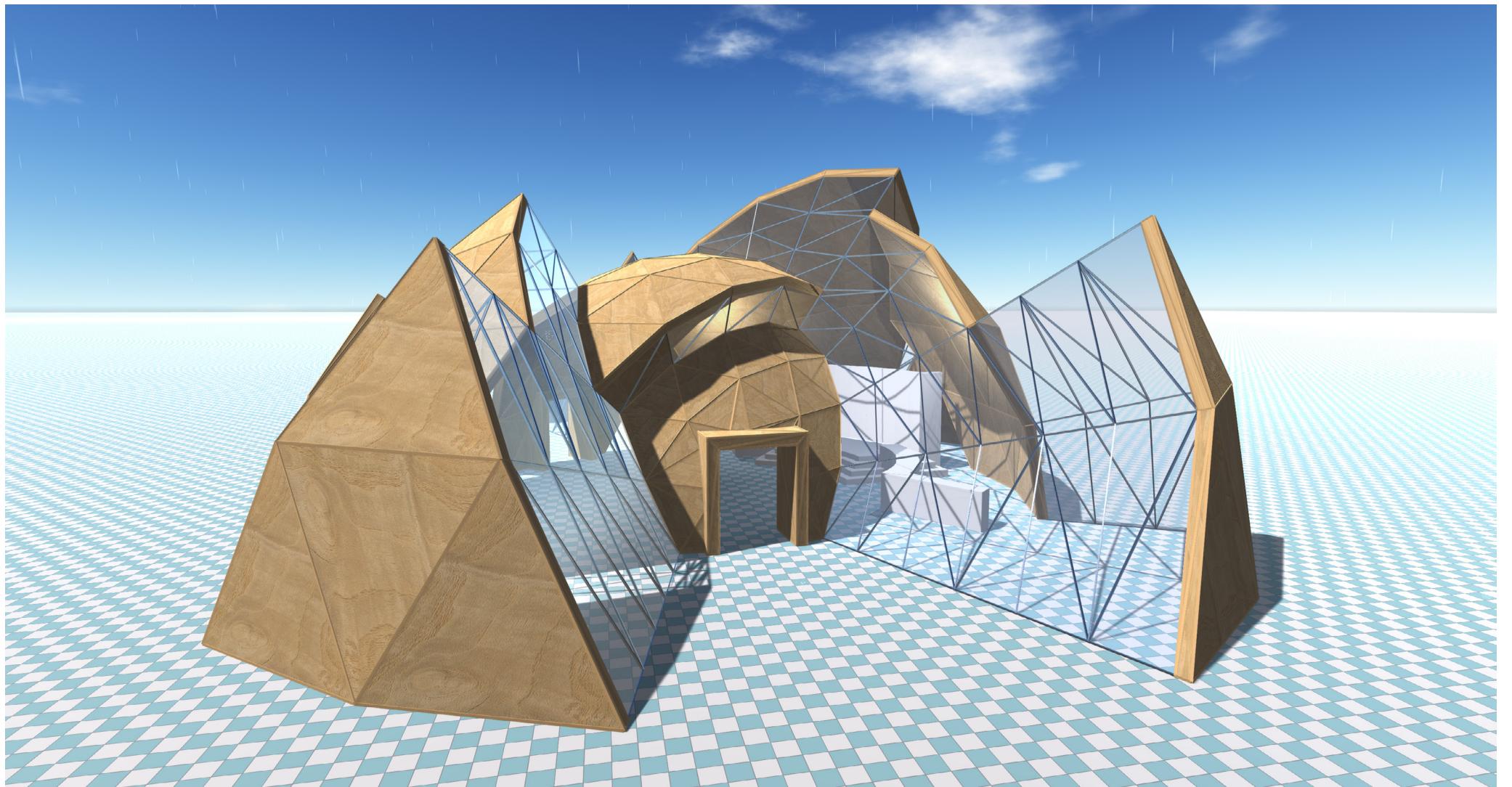
3D Print Mechanical Properties
Strength testing of 3D printing materials and optimal settings
[Academic]



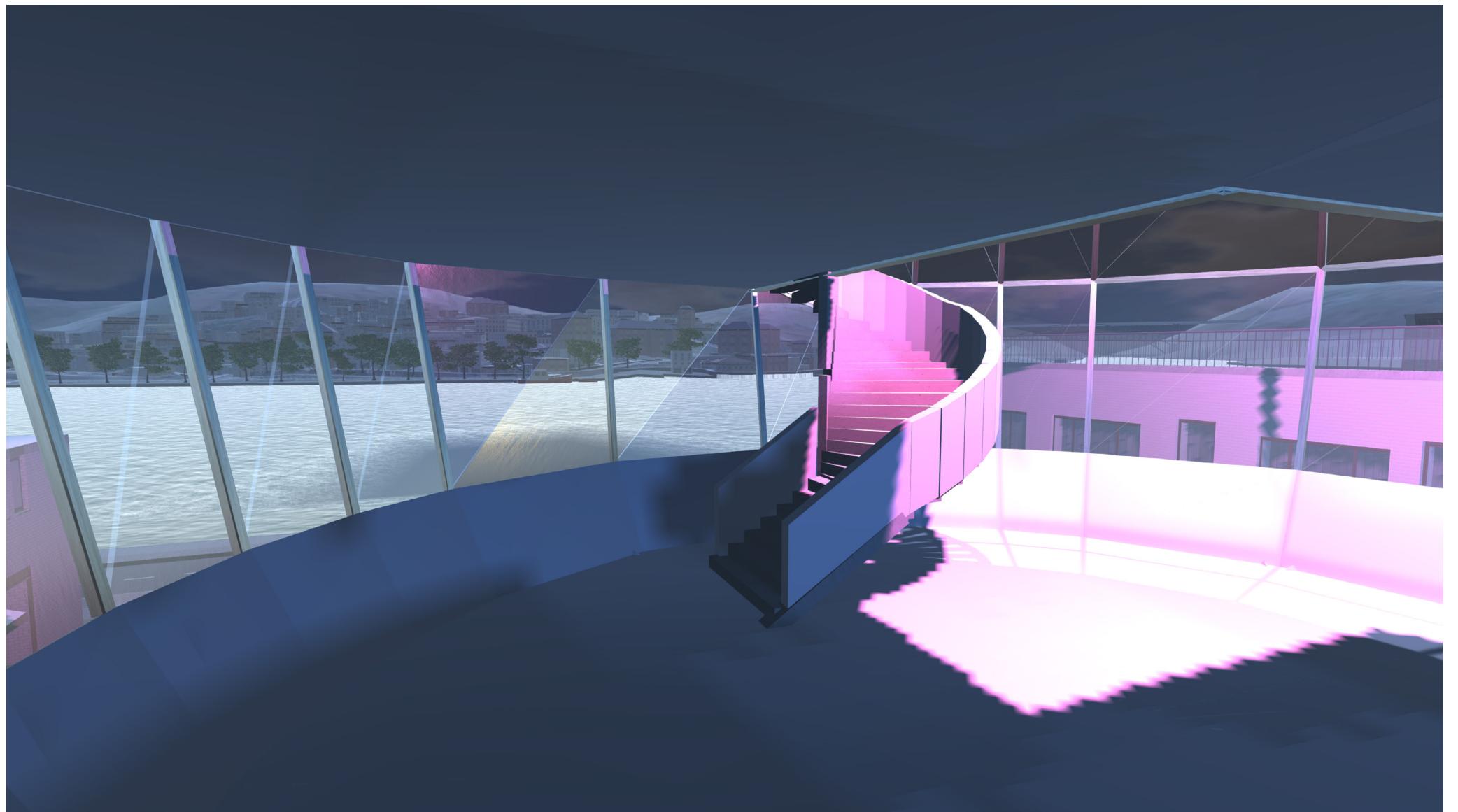


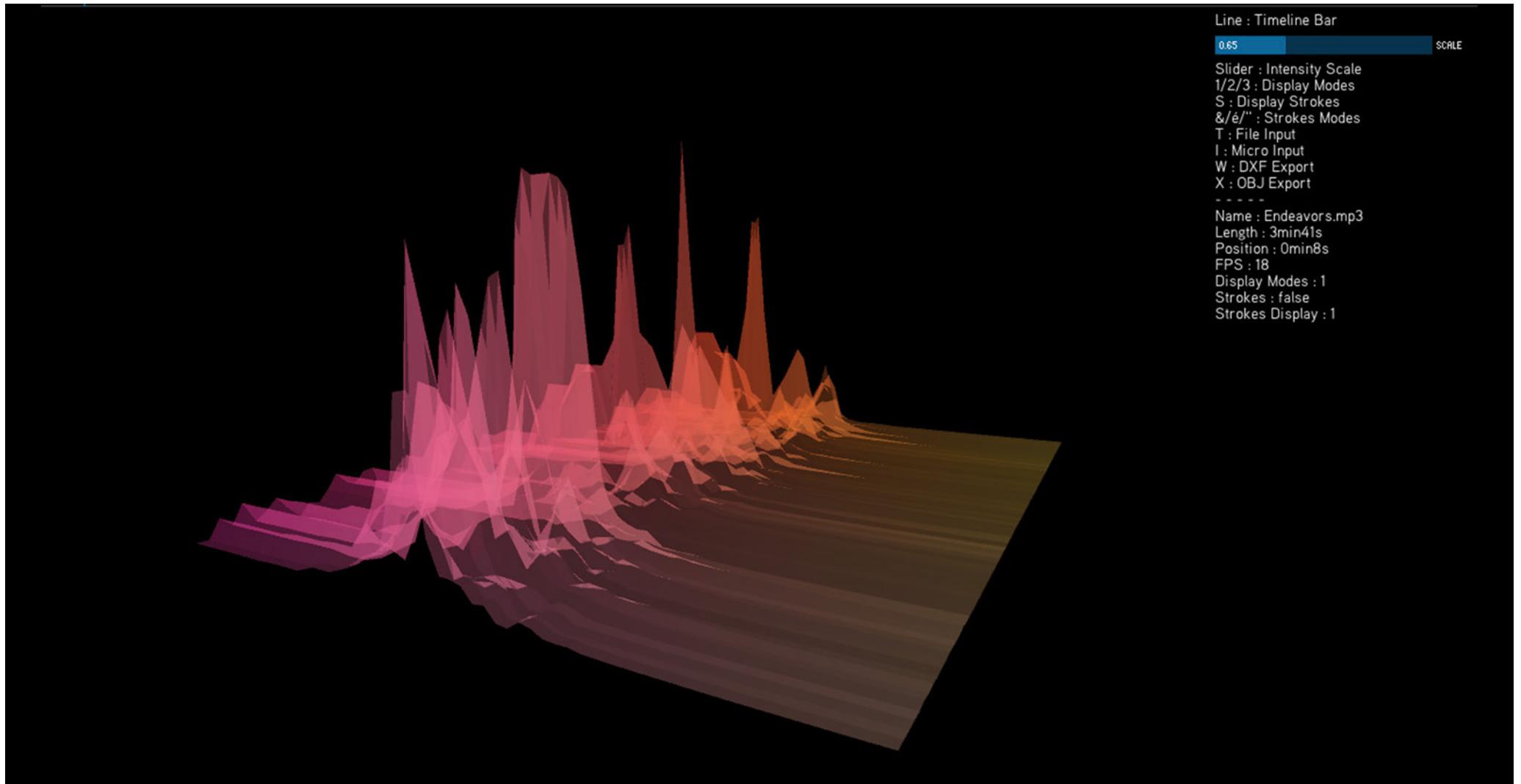
Urban and Housing
Program redefinition for Paris 19th district and housing analysis
[Academic]



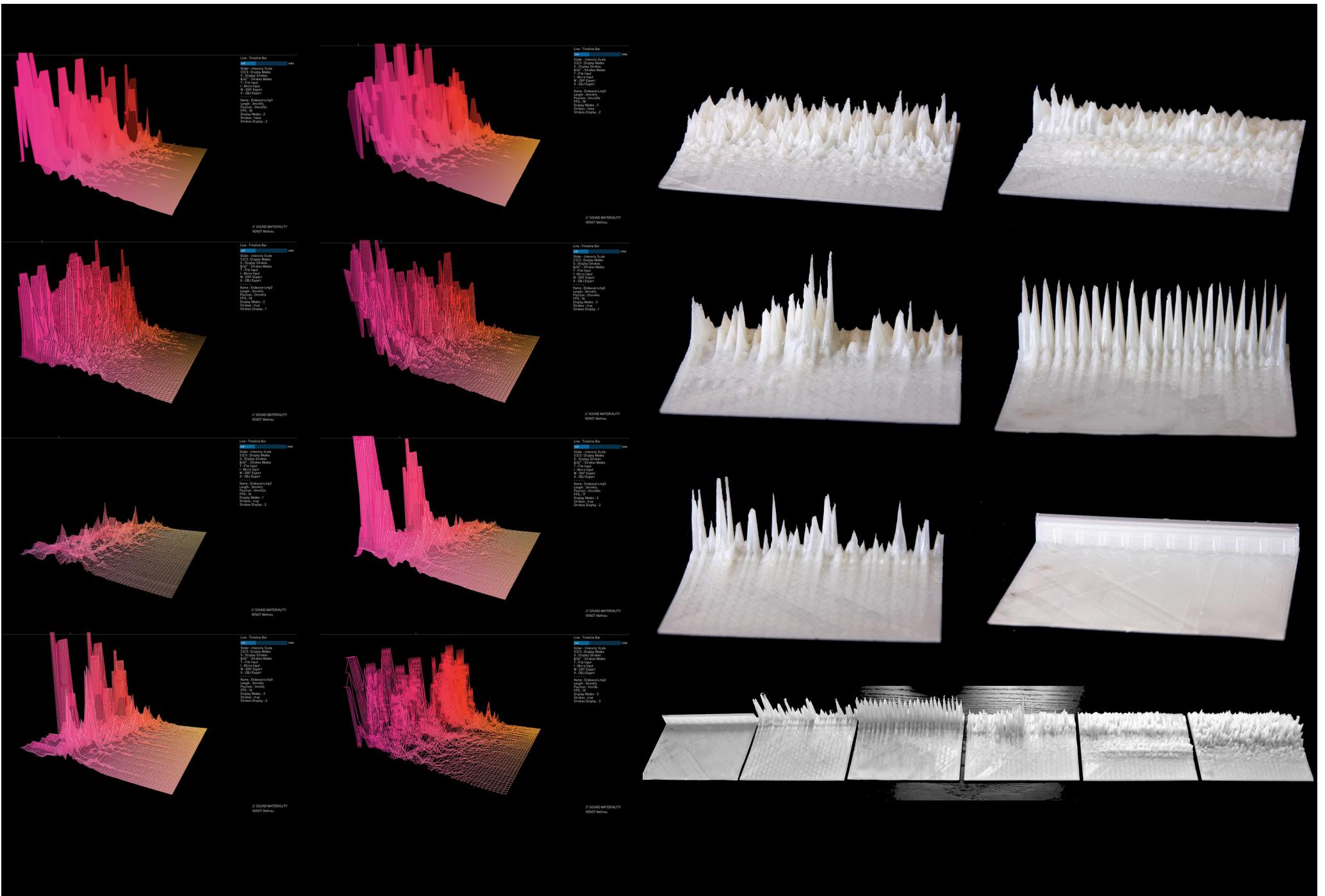


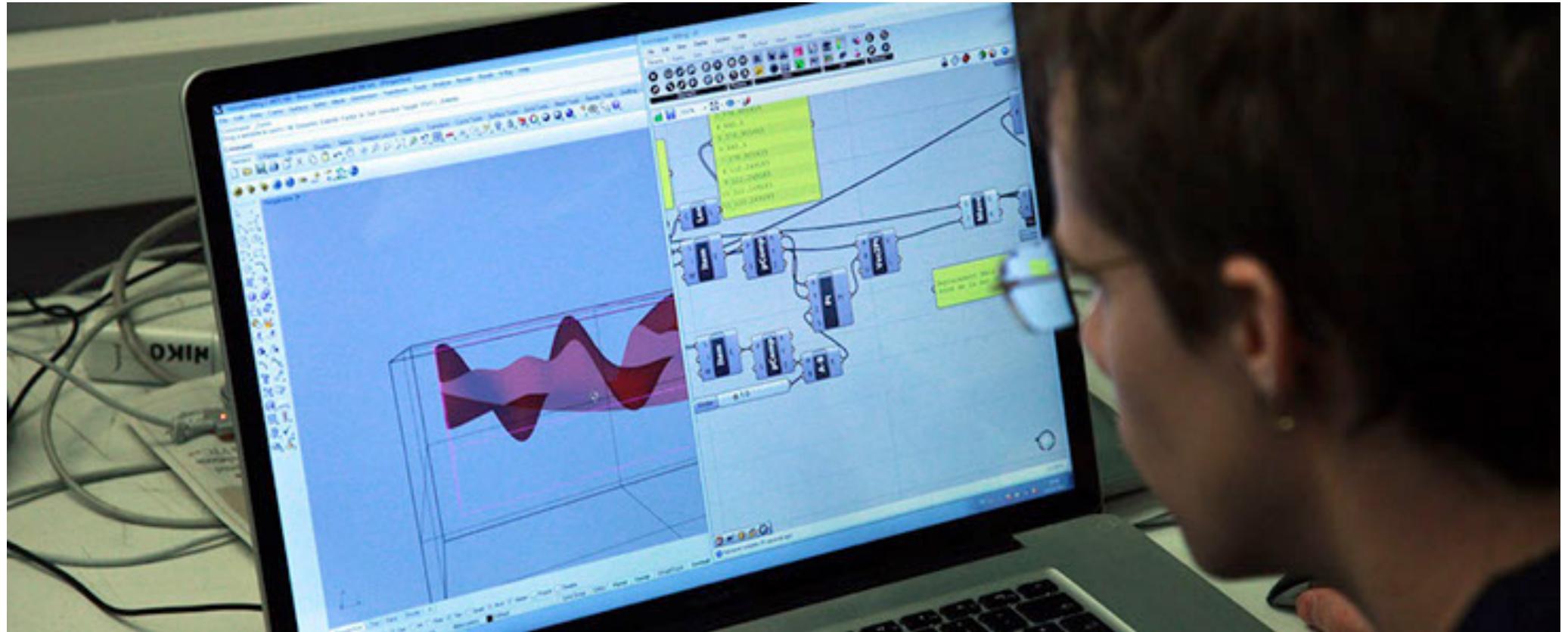
Virtual Reality Architectural Conception Software
Real-time immersive simulation, environment acquisition, interoperability and multi-user collaboration
[Academic]





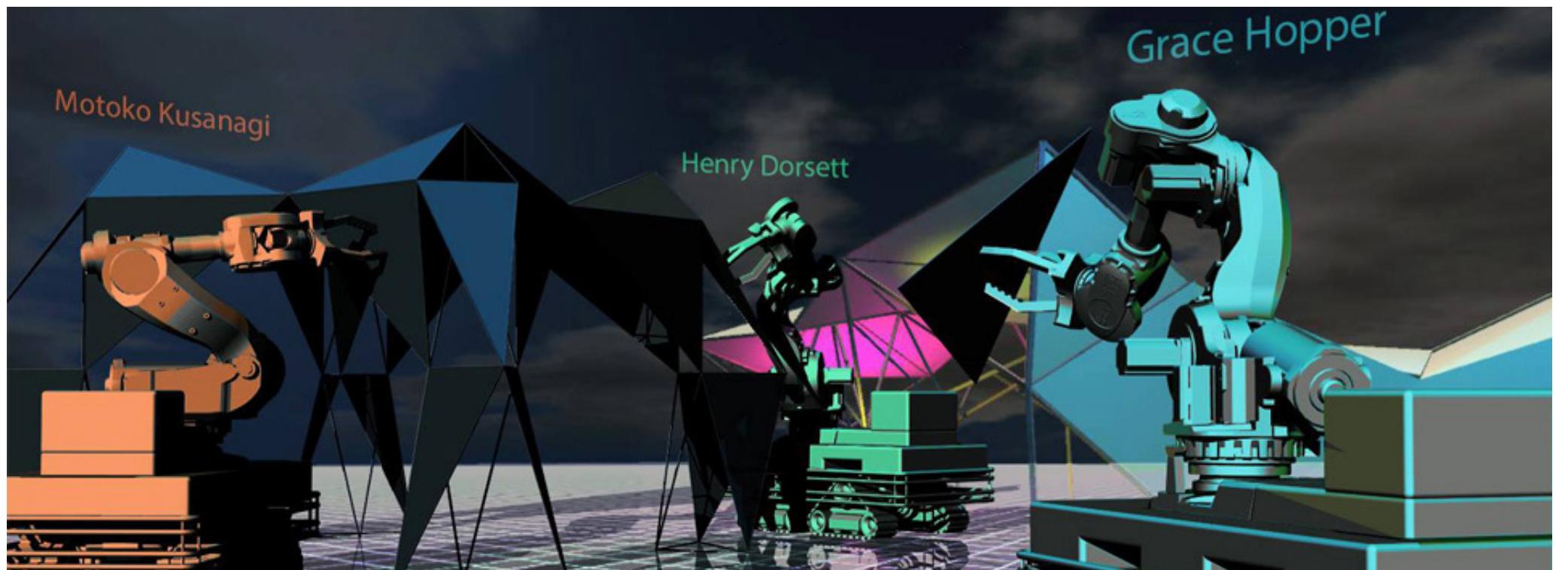
Sound Spectrum Materiality
Sound analysis and extracting for 3D printing prototyping
[Academic]





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





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





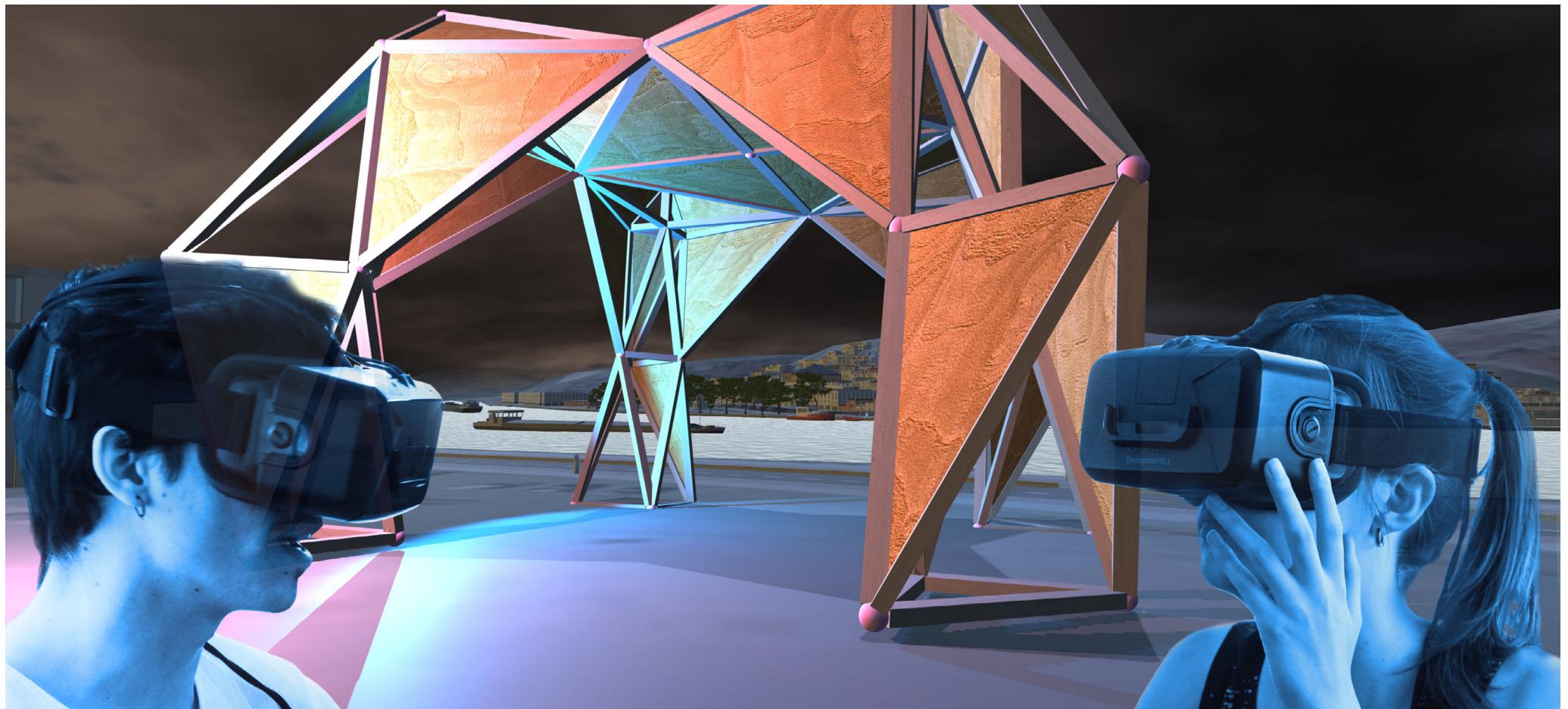
*DMS 2017 Workshop
Virtual Immersive Architecture
[Teaching]*



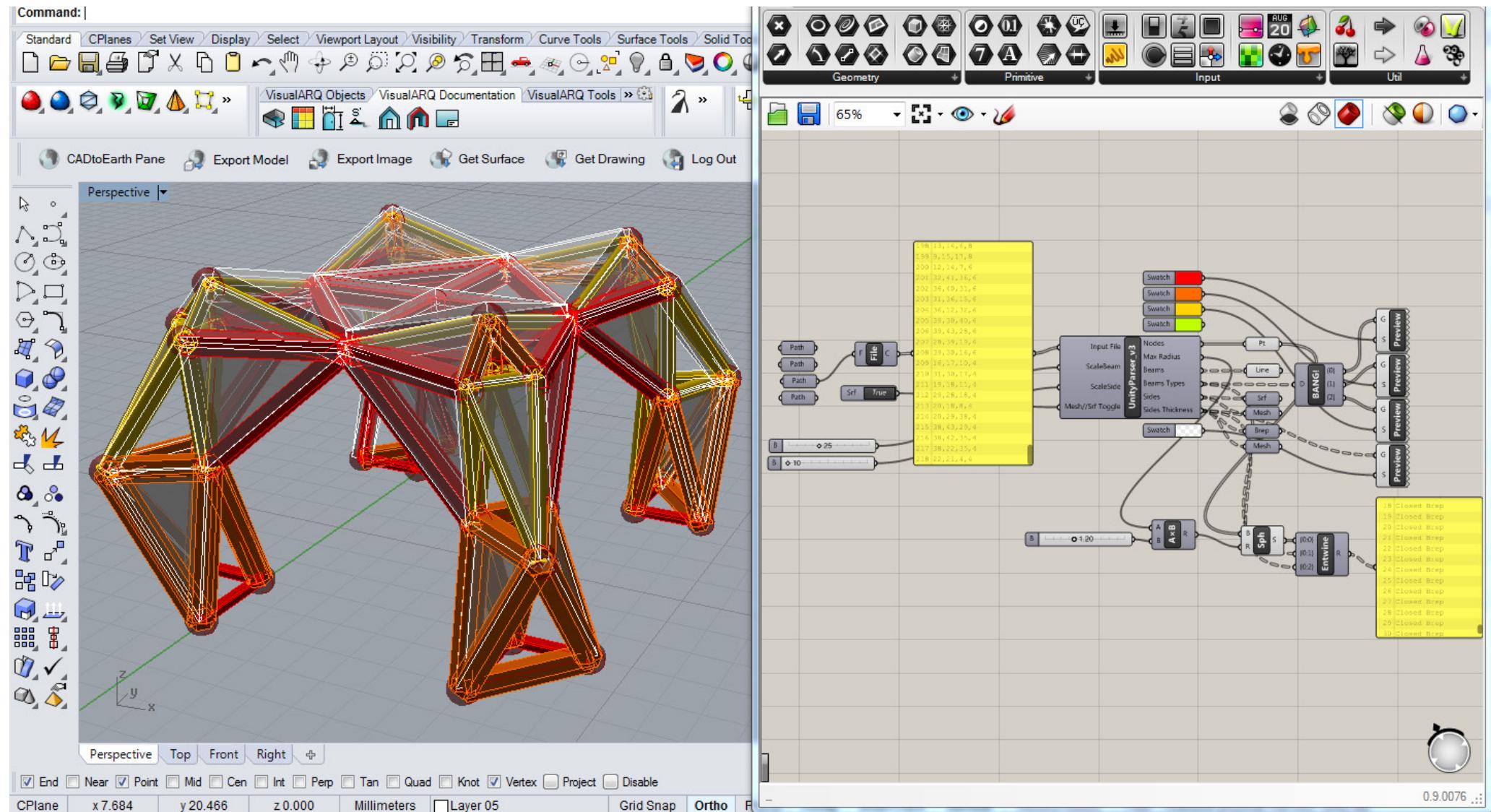


Virtual Reality Workshops
Architectural and fine arts schools, conventions and events, exhibitions and shows
[Teaching]





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





Dixie Lab
Virtual Reality Experts, Architectural Research, Real-time Rendering
[Professional]

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



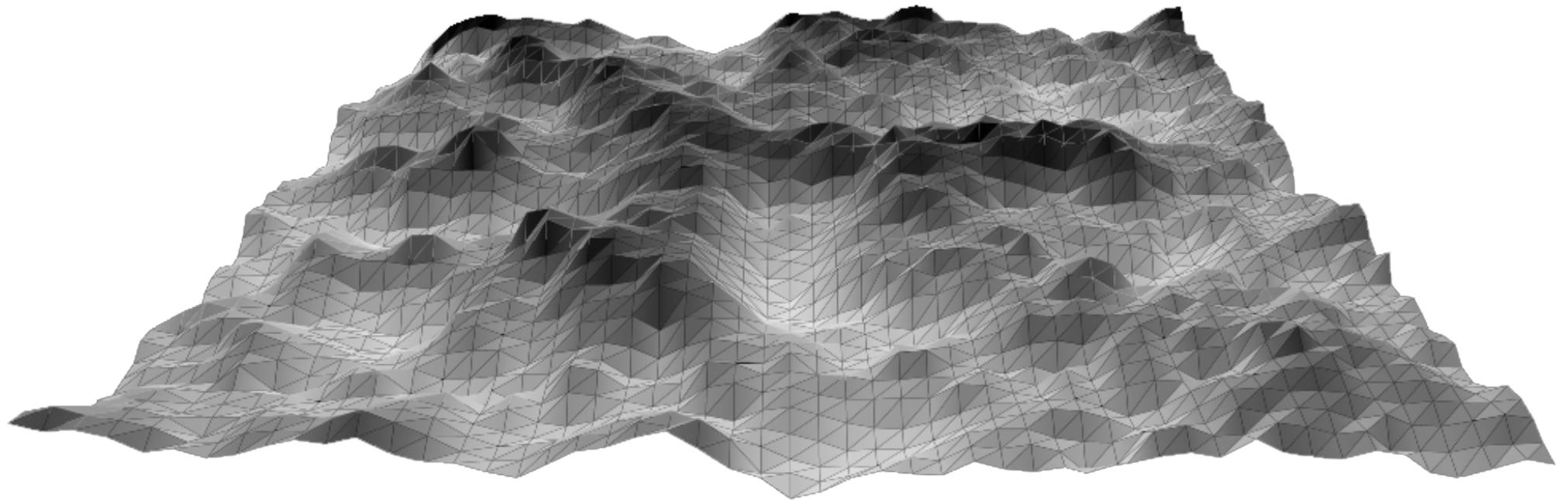


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*3D Design, 3D Printing, 3D Scanning, Digital Tutoring, Prototyping, Rendering, Web Design
[Professional]*



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Mathieu VENOT – Naval

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Maritime
Fluvial

-
- The timeline diagram illustrates a sequence of projects from 1990 to 2018. Each project is represented by a horizontal arrow pointing upwards, indicating its progression over time. The projects are listed vertically on the right side of the timeline.
- 2018 Simulation navale VR (WIP) : Développement d'une visualisation physique interactive en réalité virtuelle
 - 2018 Proto Mini 650 RC (WIP) : Construction d'une maquette navigante et autonome, échelle 1/10
 - 2017 - Actuel Voilier expédition (WIP) : Conception d'un bateau de voyage mer - rivière, type Scow - Tjalk. Projet académique
 - 2017 - Actuel Classe 950 (WIP) : Conception d'un classe 950 course - croisière. Projet académique
 - 2017 - Actuel Navire militaire (WIP) : Conception d'une frégate militaire. Projet académique
 - 2017 - Actuel Plug-in naval Gh (WIP) : Développement d'outils de calculs hydrostatiques pour Grasshopper 3D (Rhinoceros)
 - 2012 - Actuel RM 1050 : Vacances en Bretagne, Angleterre et Méditerranée. Convoyages et Travaux de réparation
 - 2004 - Actuel Planche à voile : Pratique en Méditerranée et lacs
 - 1990 - Actuel Péniche Freycinet : Enfance sur péniche logement familiale. Convoyages et Travaux d'aménagement
 - 2016 ANFR : Certificat Restreint de Radiotéléphoniste Maritime
 - 2010 Cigale 16 : Equipier sur navigations dans l'arc Antillais
 - 2009 Dufour 325 : Location en Bretagne sud
 - 2008 - 2009 Randonneur 1200 : Projet de construction amateur. Acquisition des plans et d'une partie du matériel
 - 2000 - 2012 First 35 : Vacances en Méditerranée. Convoyages et Voyage d'un an autour de l'Atlantique nord (2 Transat')
 - 1990 - 2000 Coco 650 : Vacances en Méditerranée. Parents régatiers amateurs (Transgascogne, Triangle du Soleil)



RM 1050
*Réparation, vacances, convoyages, skipper
[Voile]*





Planche à voile
funboard
[Voile]





Péniche Freycinet
Aménagement, convoyages
[Construction]





Dufour 325 / Cigale 16
Location / Equipier
[Voile]





First 35
Vacances, convoyages, année sabatique, skipper
[Voile]





Coco 650
Vacances, régates
[Voile]



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