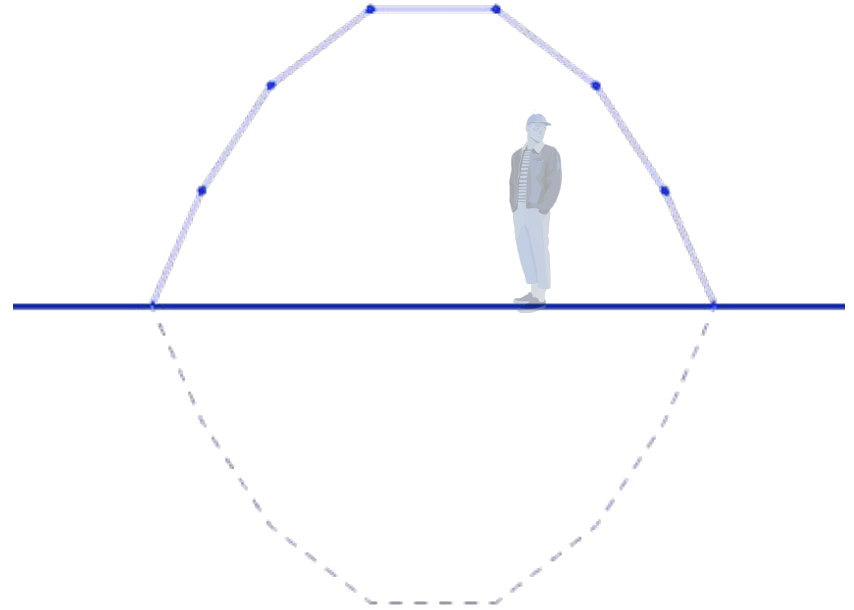


Truly Funicular

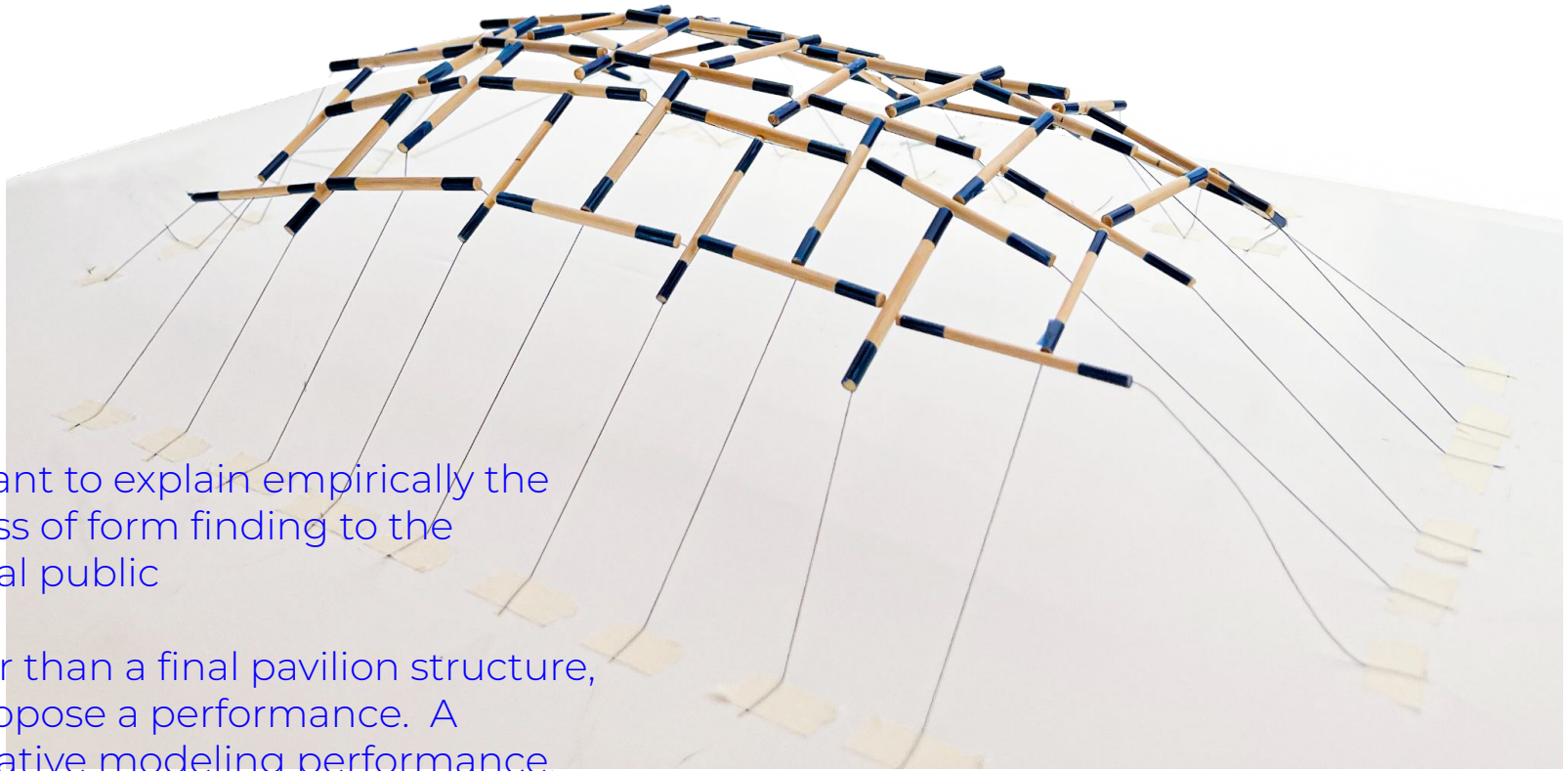
Bringing form-finding
to the public space



Physical Thinking Research Team

Students at Master of Integrated Design (M.Eng.)
Technische Hochschule Ostwestfalen-Lippe

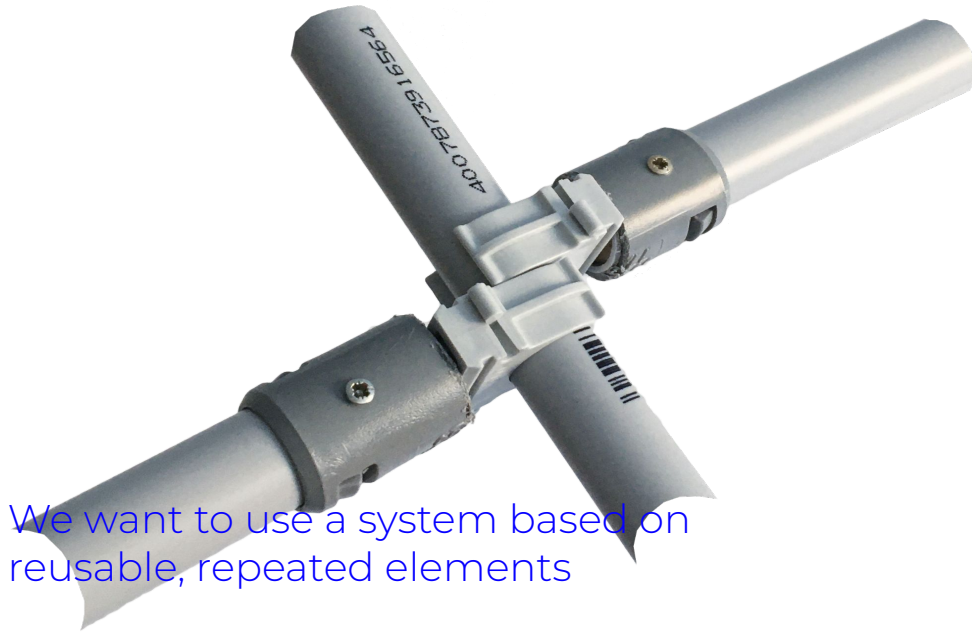
what we want to tell:



We want to explain empirically the process of form finding to the general public

Rather than a final pavilion structure, we propose a performance. A generative modeling performance.

how are we going to tell it:



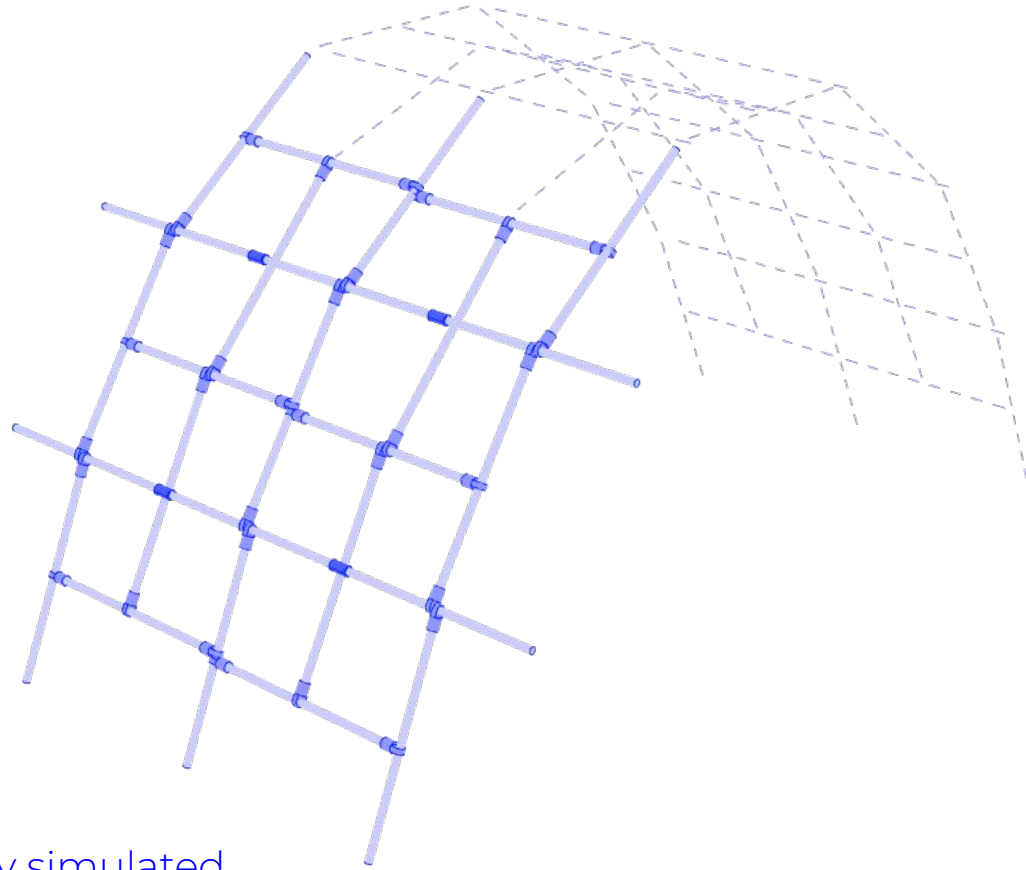
We want to use a system based on reusable, repeated elements

It should be easy to disassemble, easy to transport and easy to reassemble

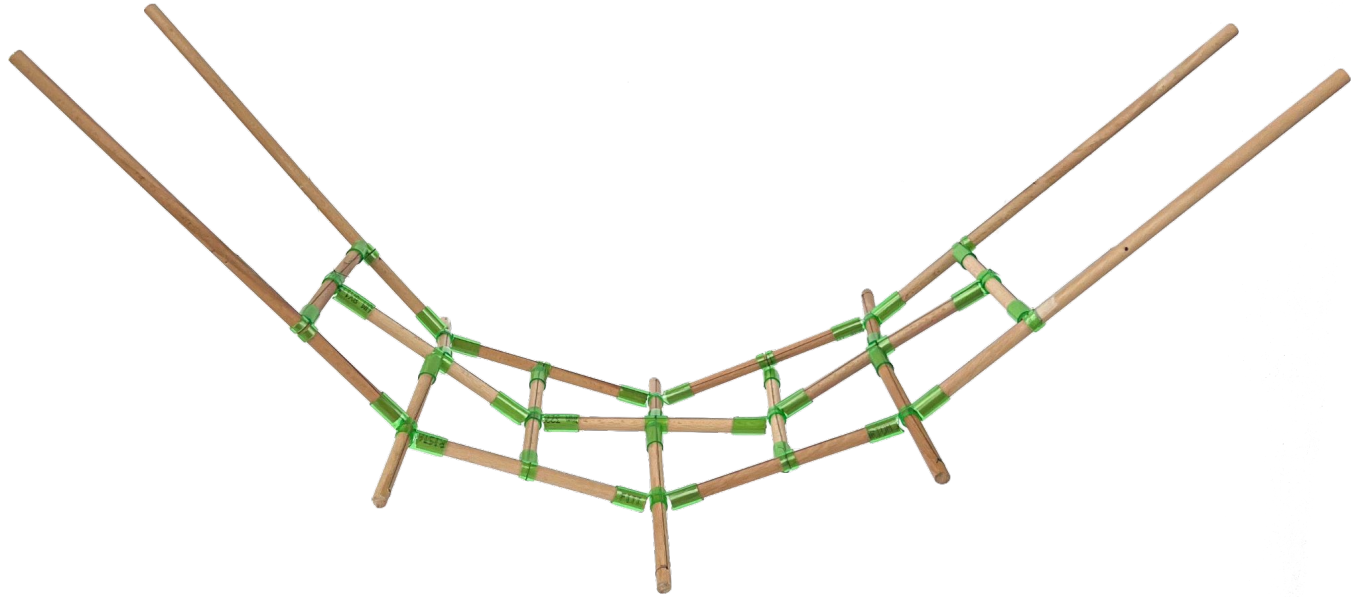




A system representing funicular behaviour.



We have successfully simulated
the joining system

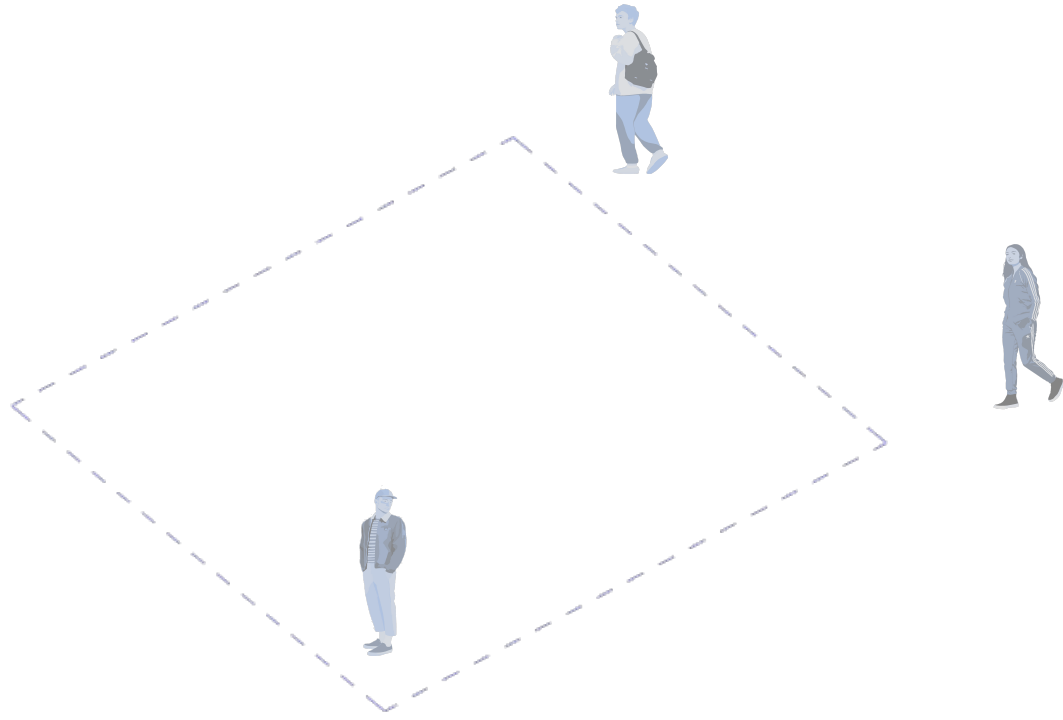


... and tested on physical models

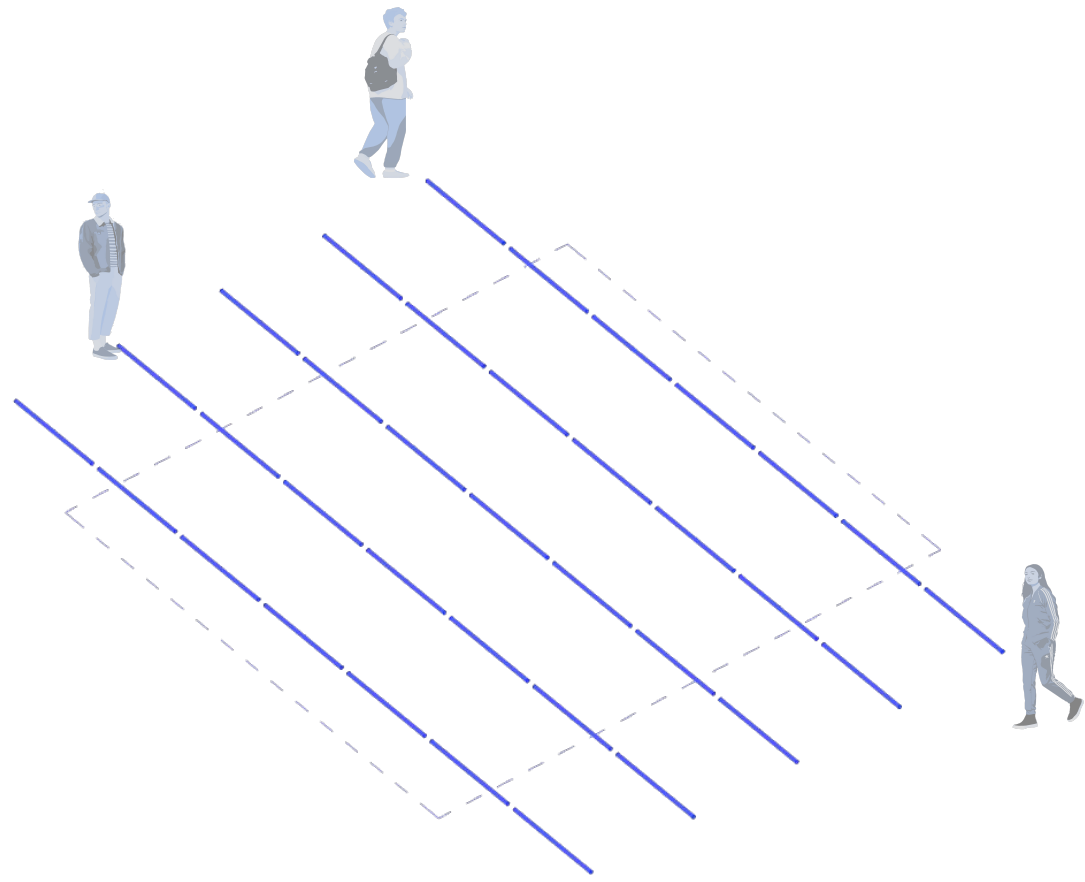


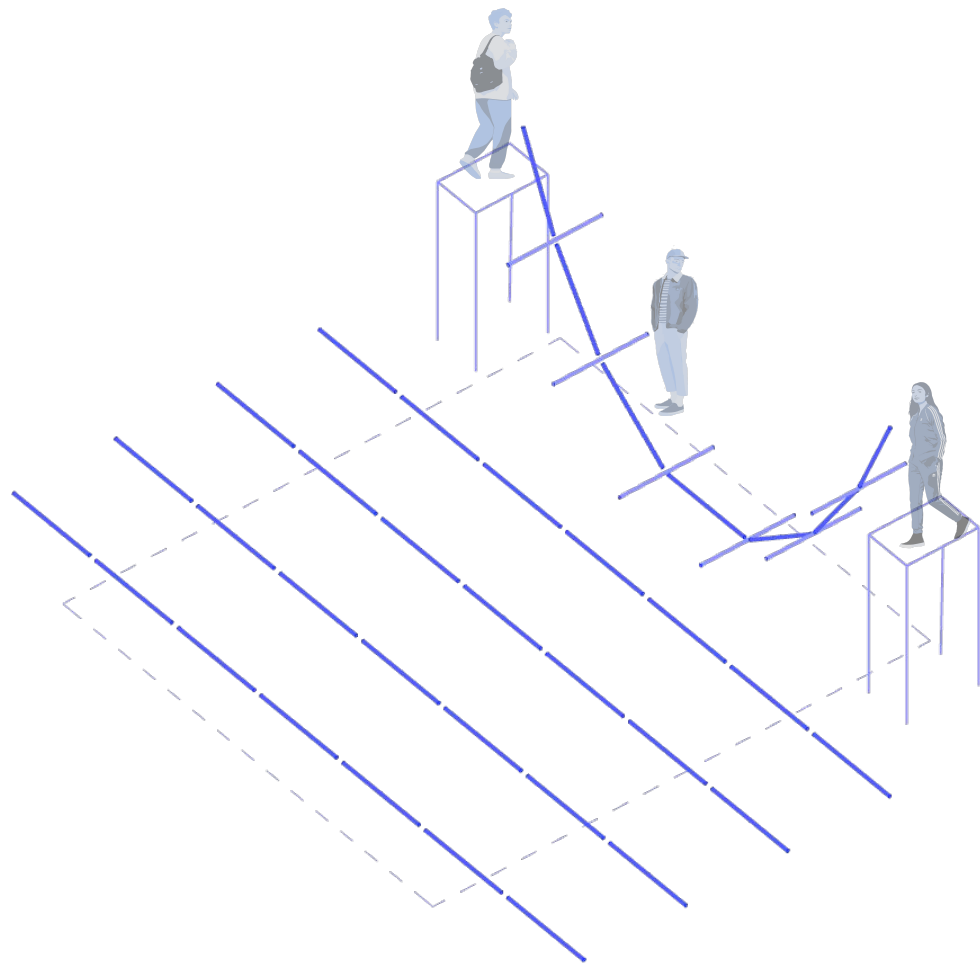
The structure uses two types of pieces

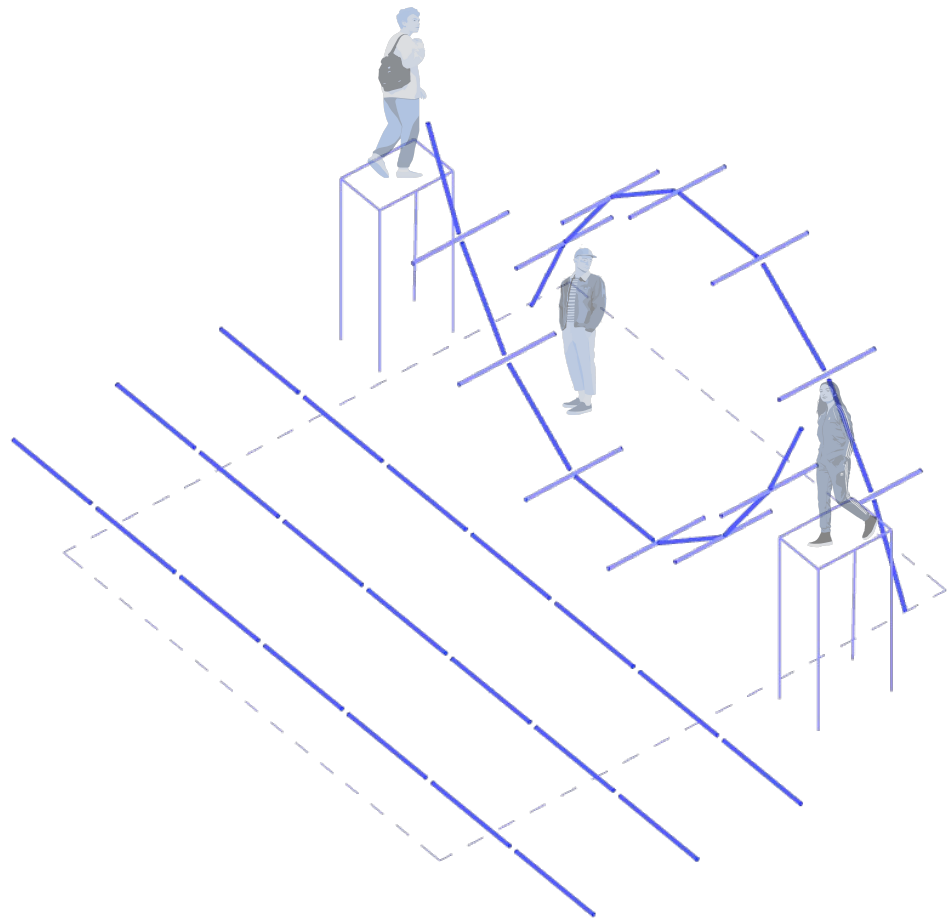
how will it be assemble:

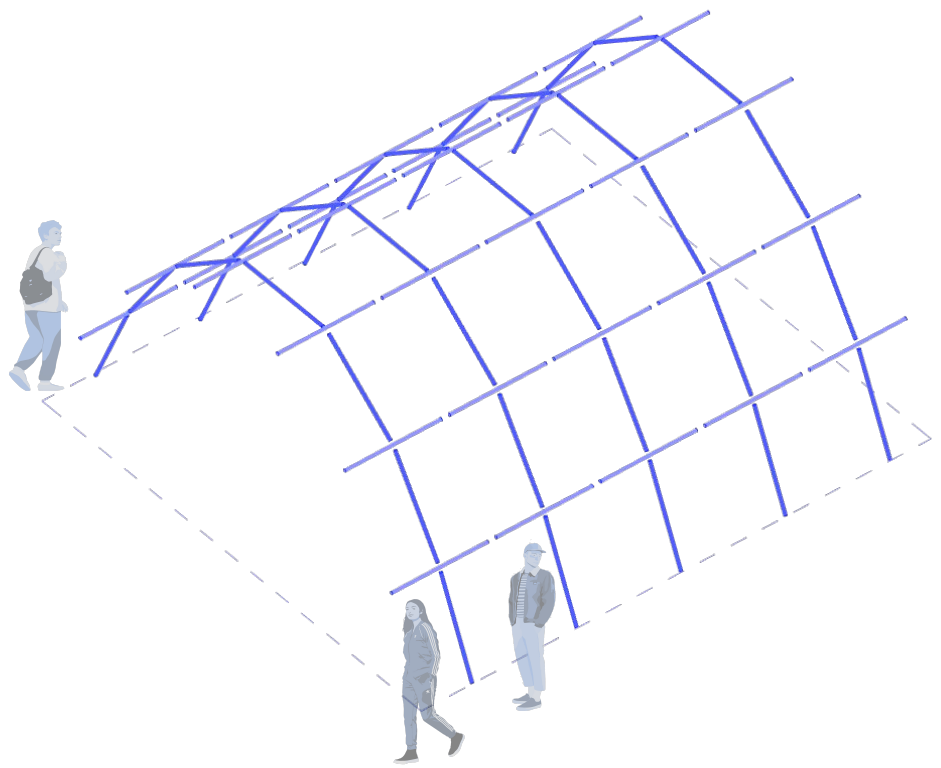


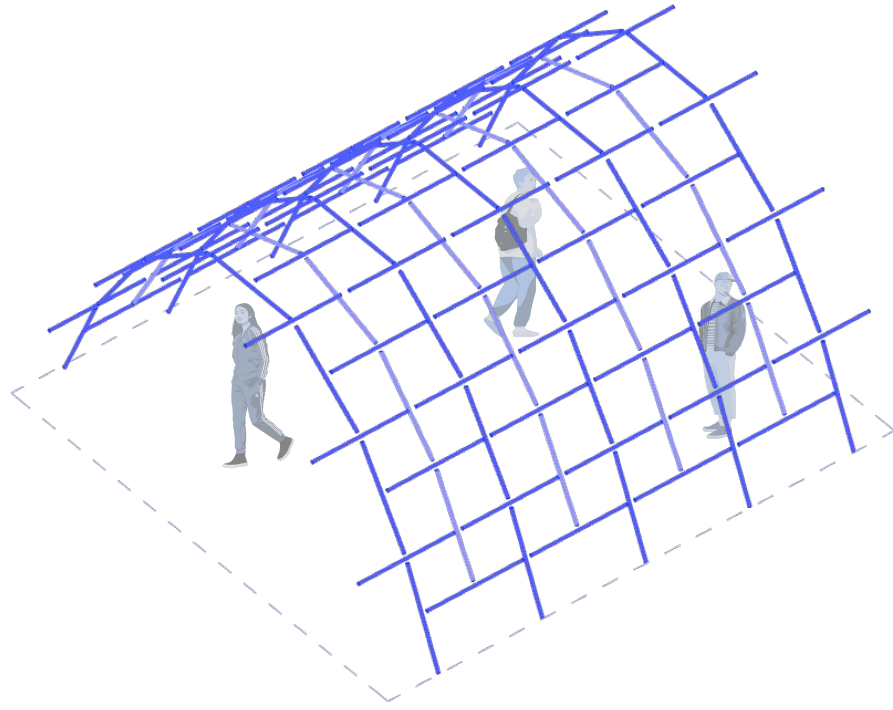
Assembly is performed by three characters

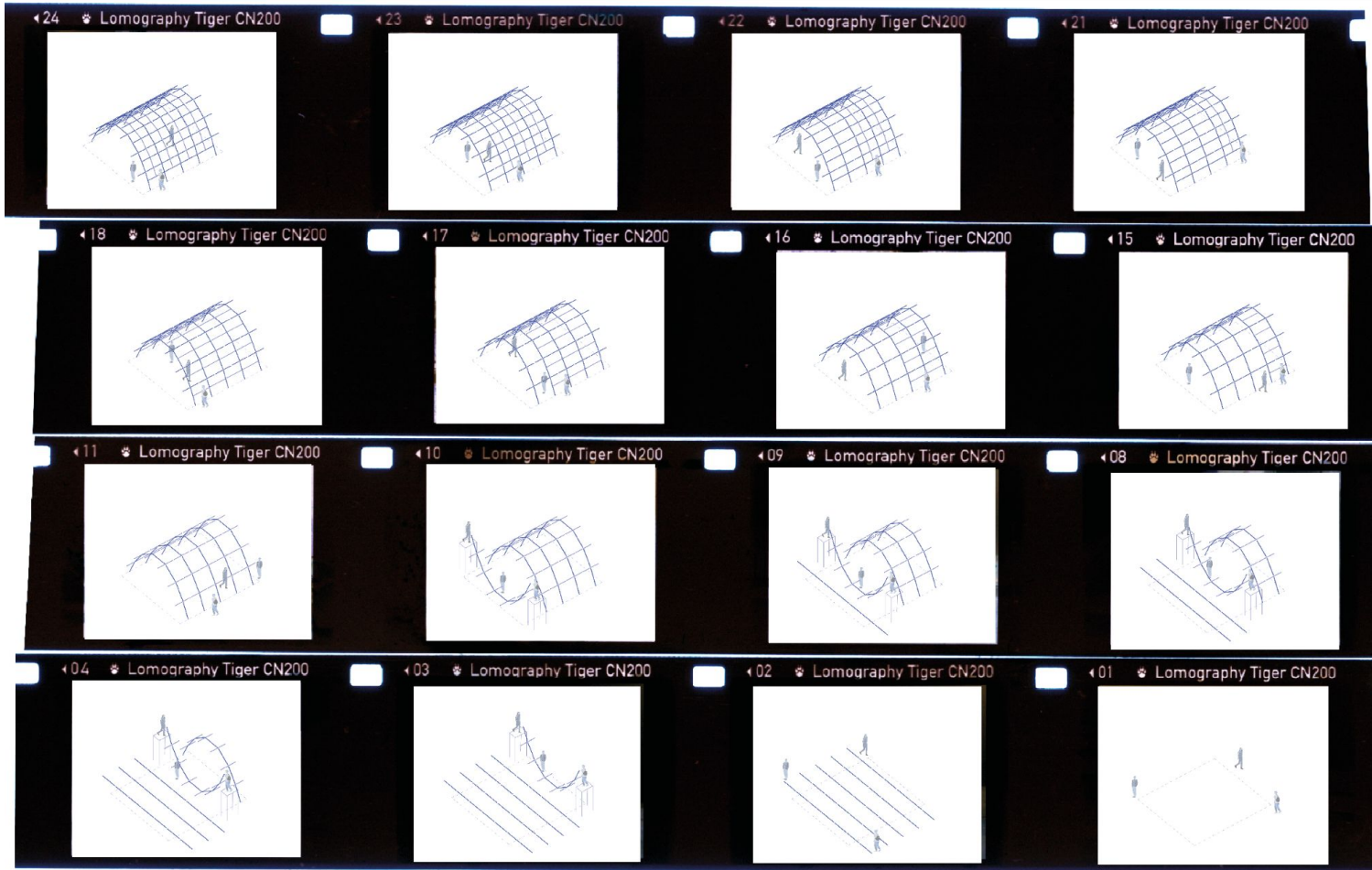












Thank you. This was truly funicular!
(the performance)