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***ETH* zürich**

MAS Digital Fabrication

Frame Möbel, *mas dfab mini-projet II*

Yuta Akizuki, Nicolas Feihl

Tutors: Marirena Kladeffrira,
and Mathias Leschok,
from dbt ETH

ETH zürich

DARCH

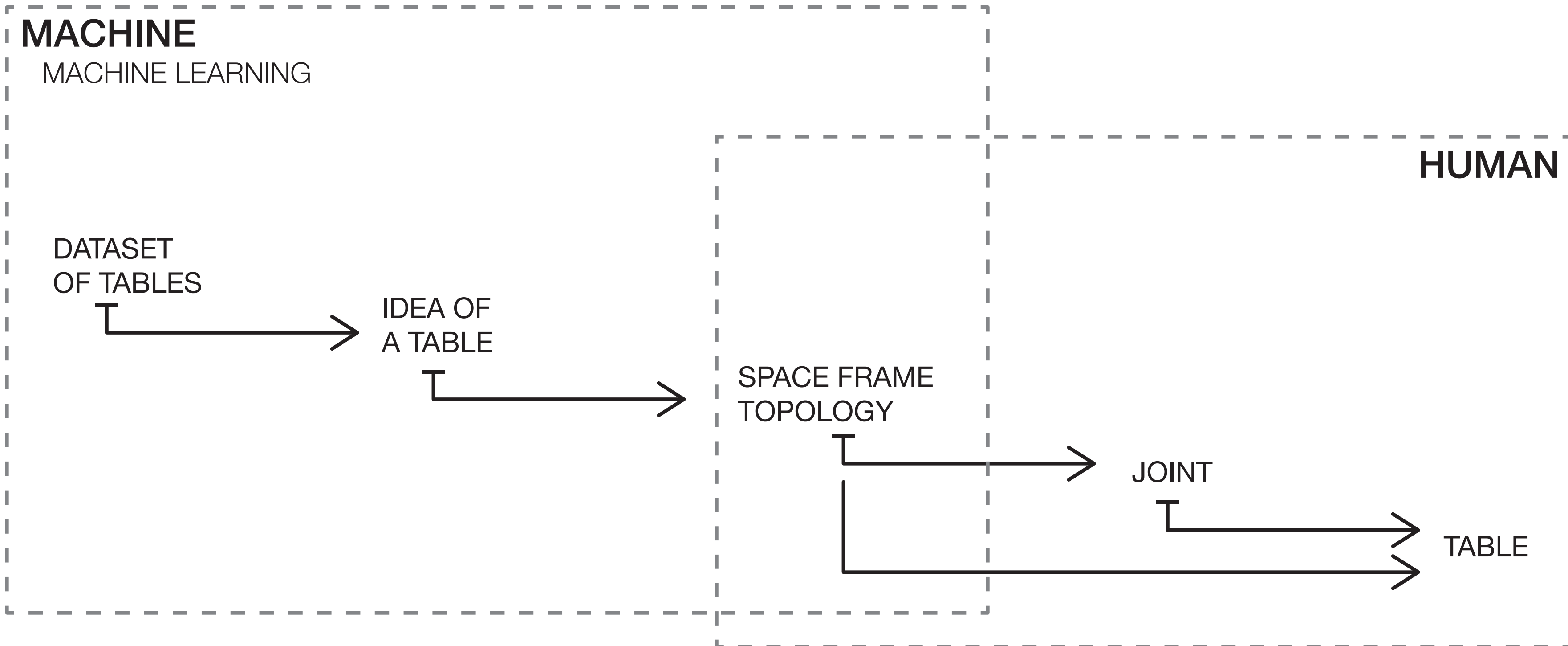
Departement Architektur

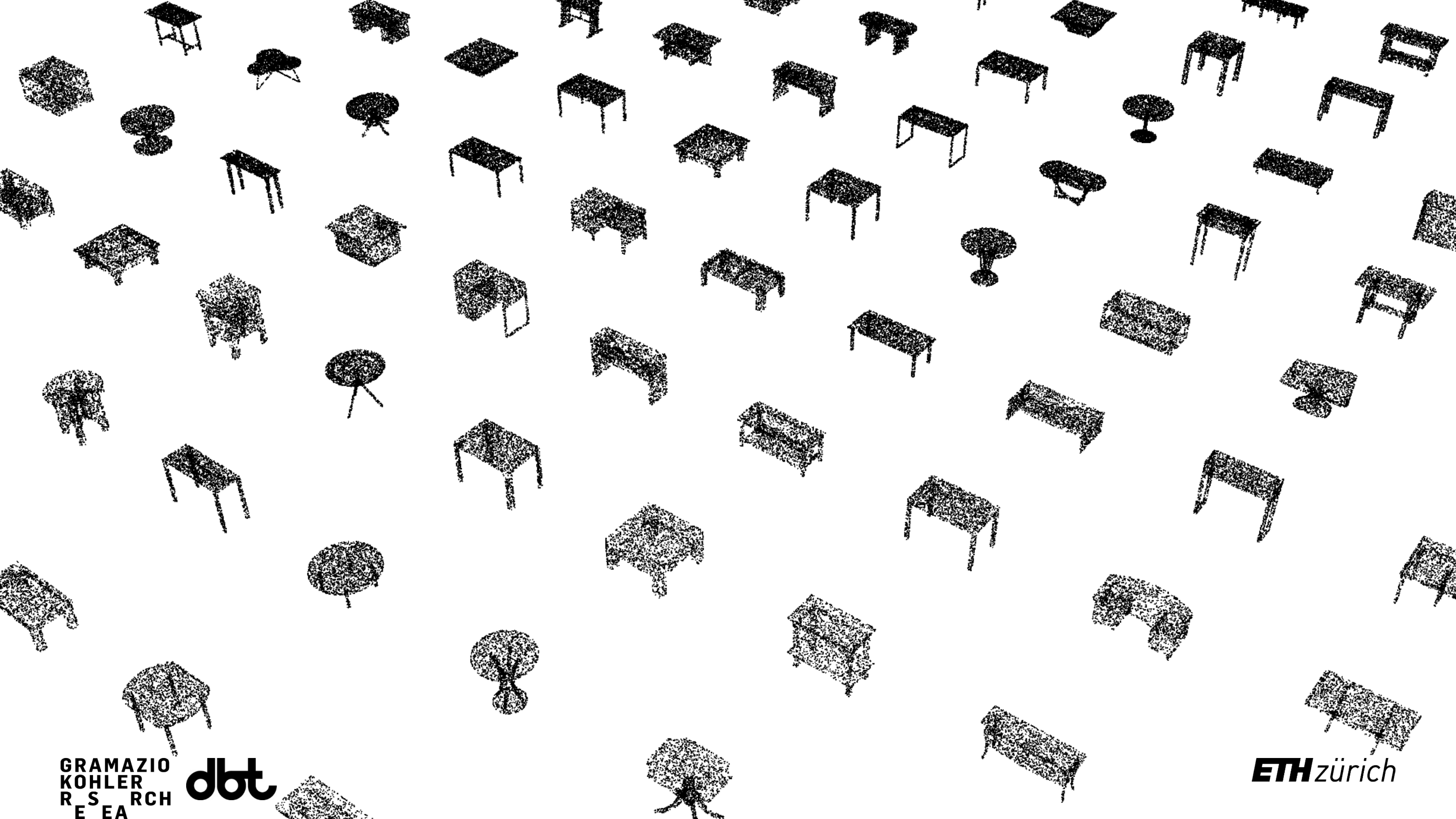


Institute of Technology in Architecture
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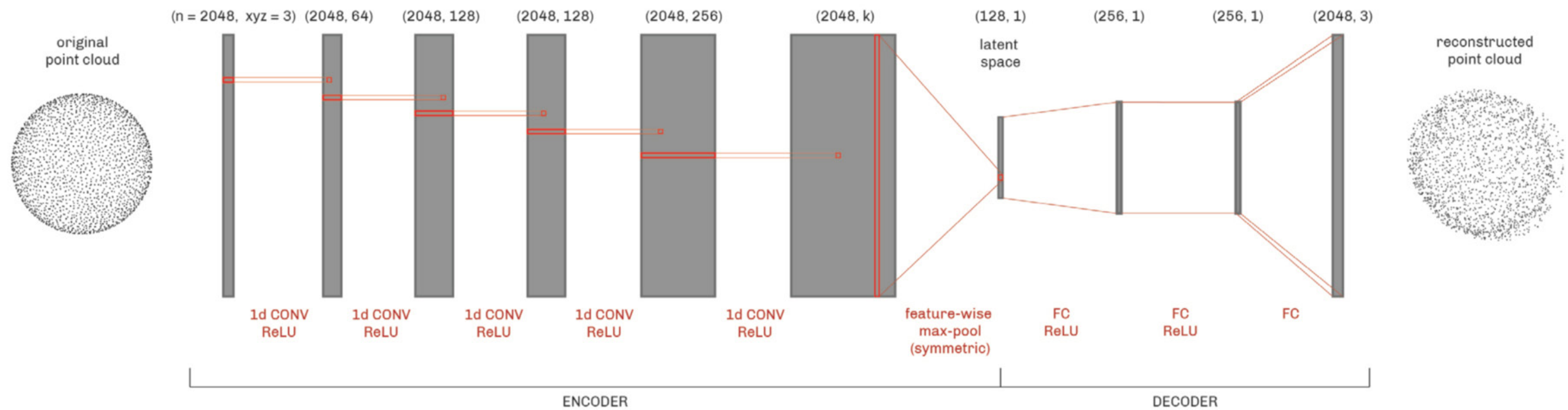
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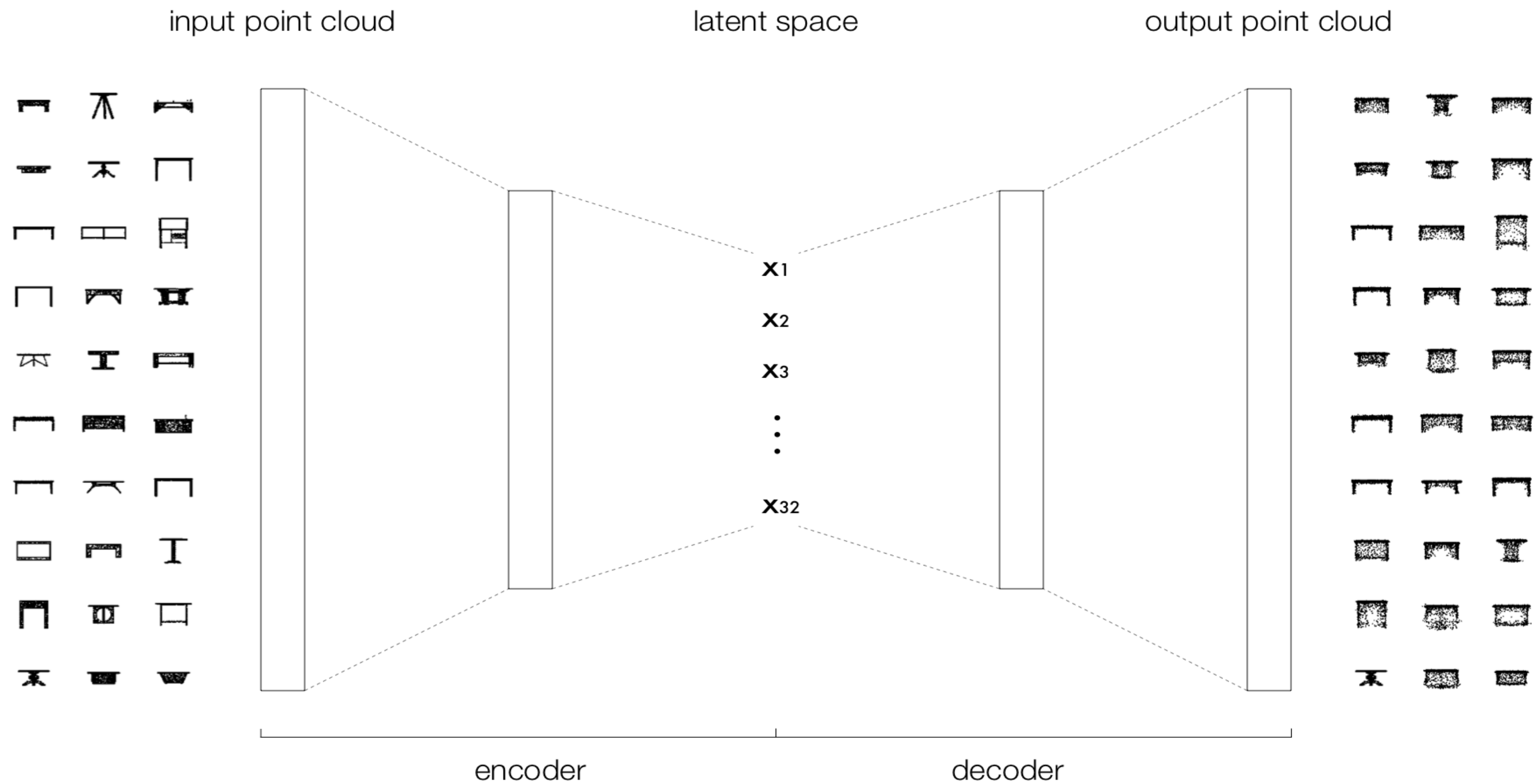
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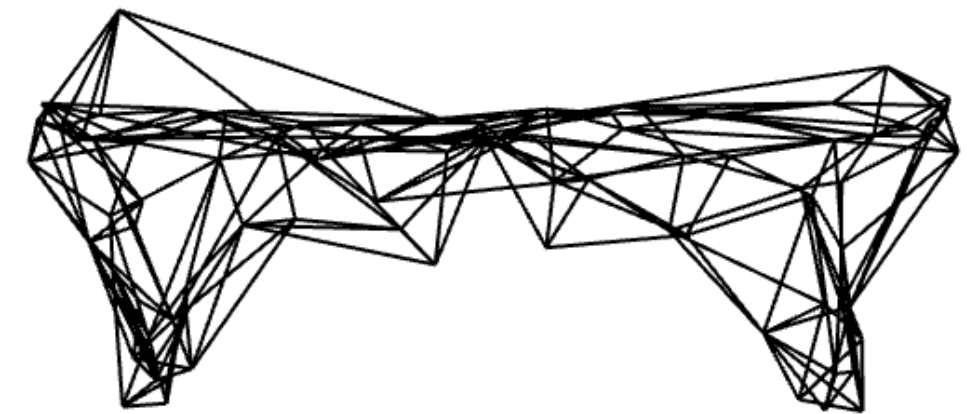
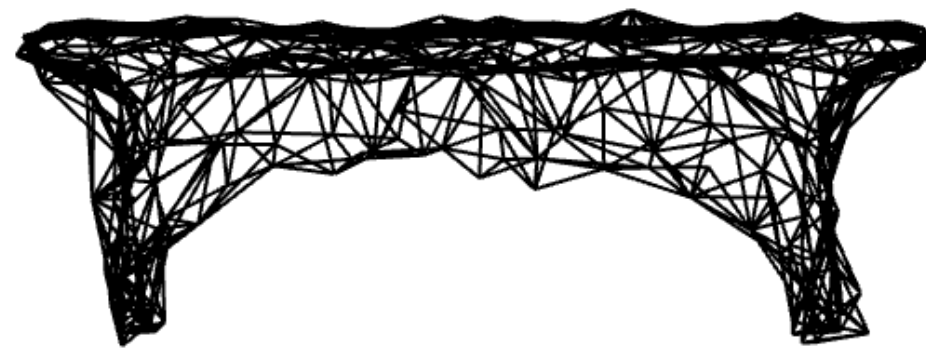
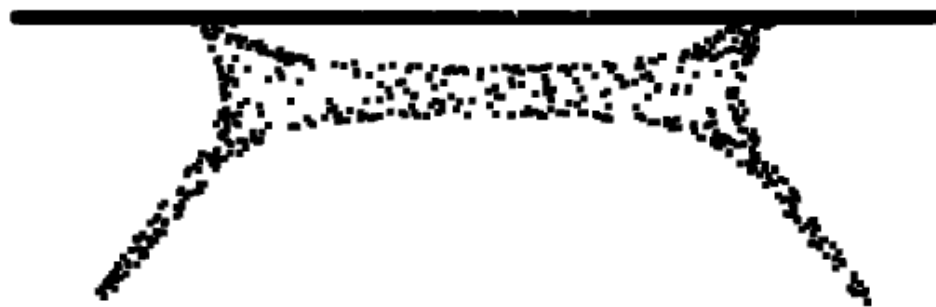
Main Technical References

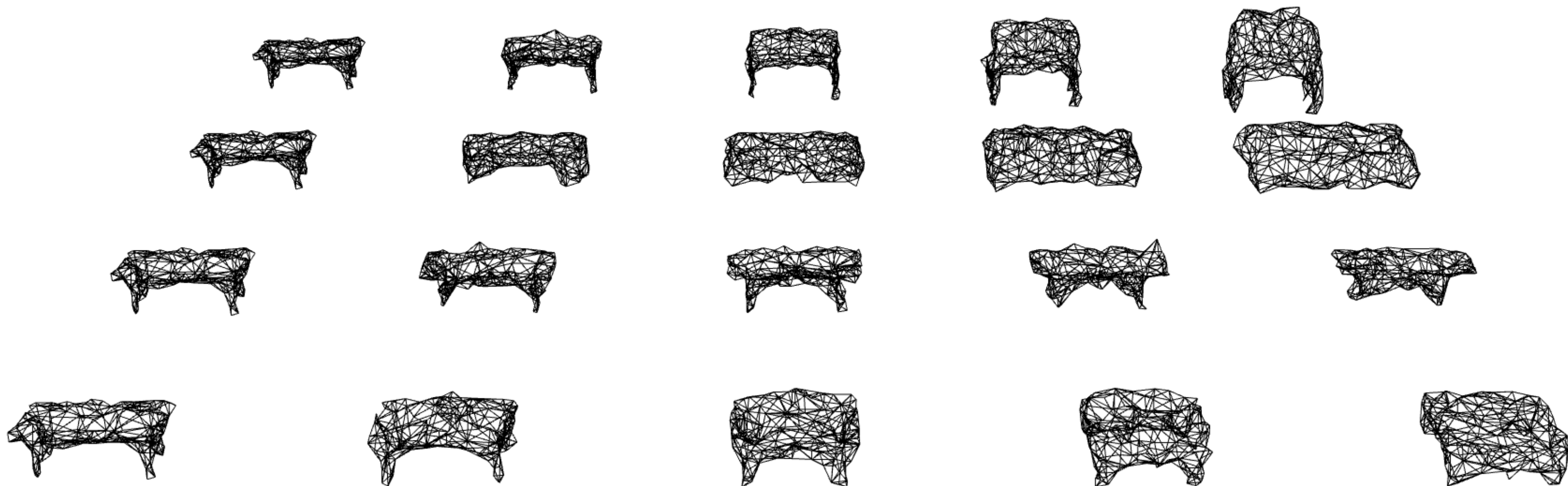
- «DeepCloud», 2018, Ardavan Bidgoli and Pedro Veloso
- «Learning Representations and Generative Models for 3D Point Clouds», 2018, Panos Achlioptas et al.

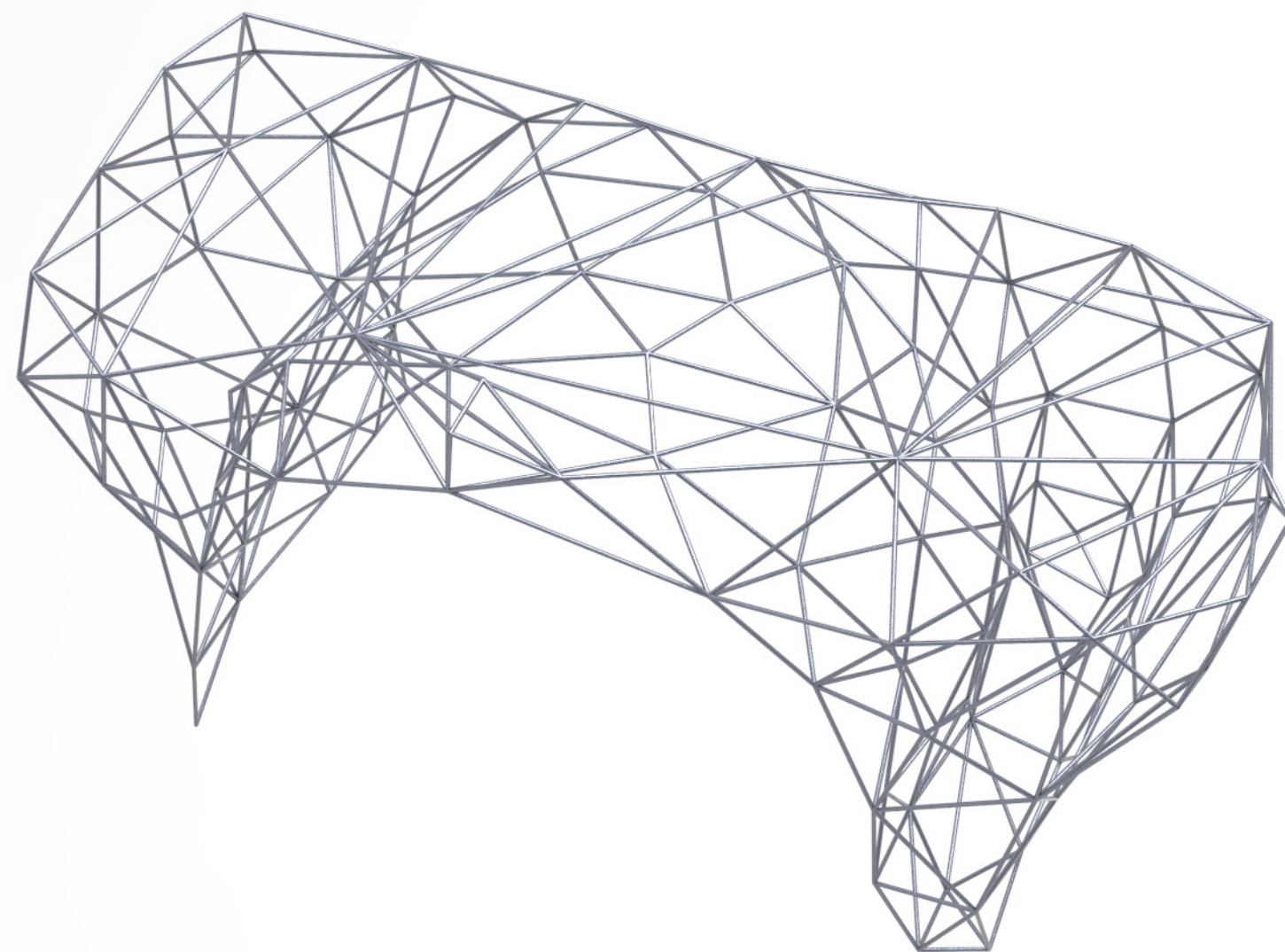


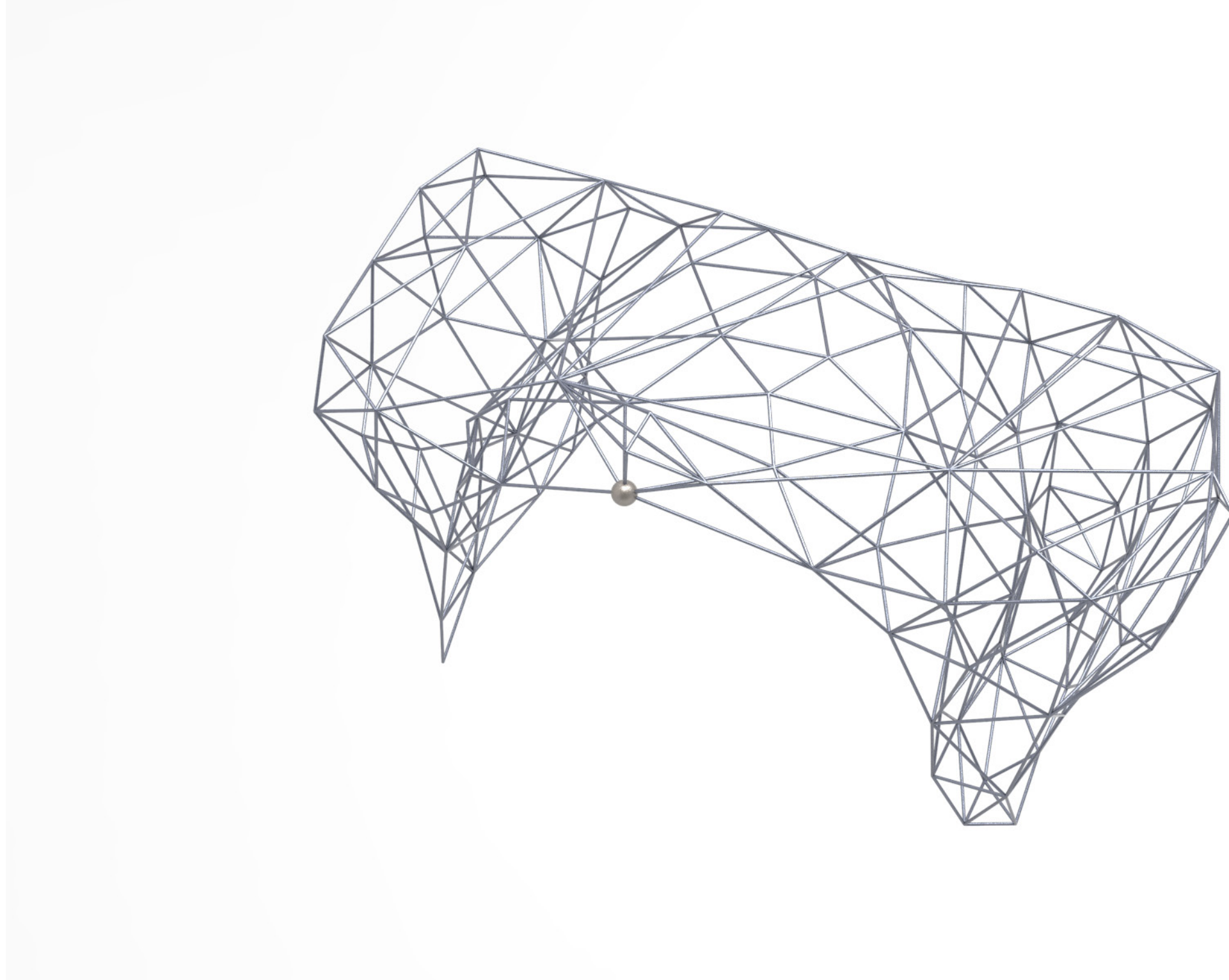
Network structure diagram from «DeepCloud», ACADIA2018, Ardavan Bidgoli, Pedro Veloso



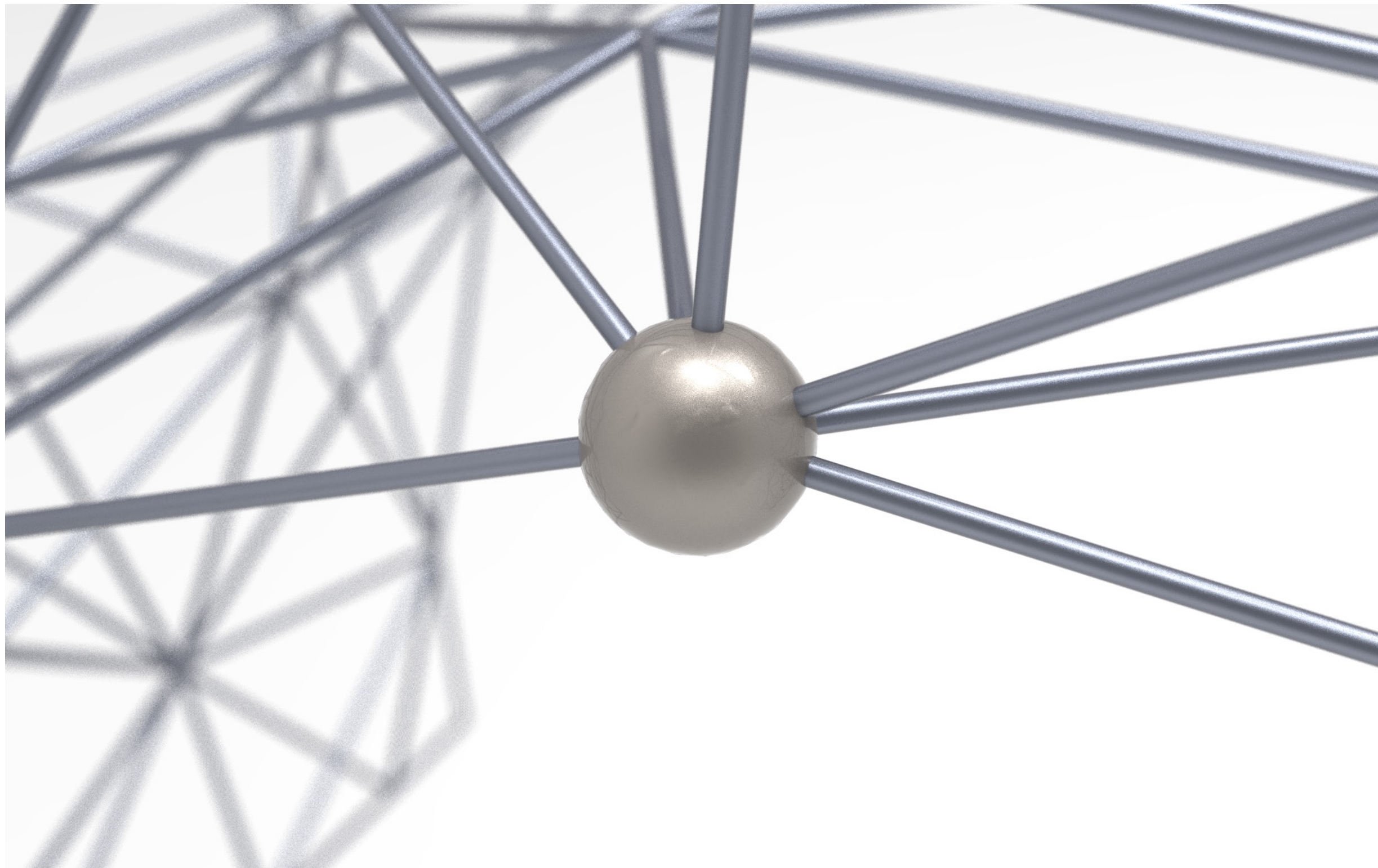


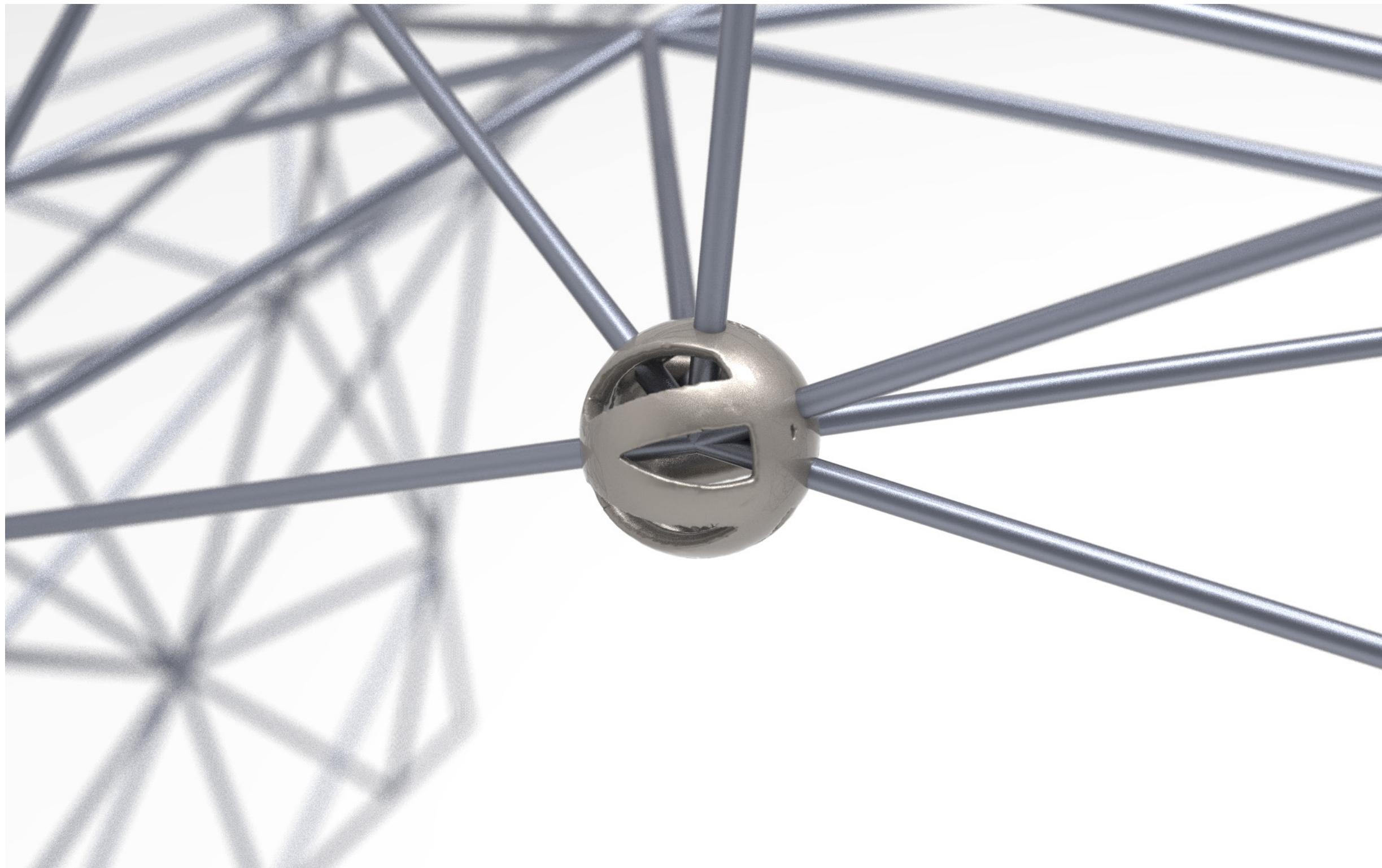




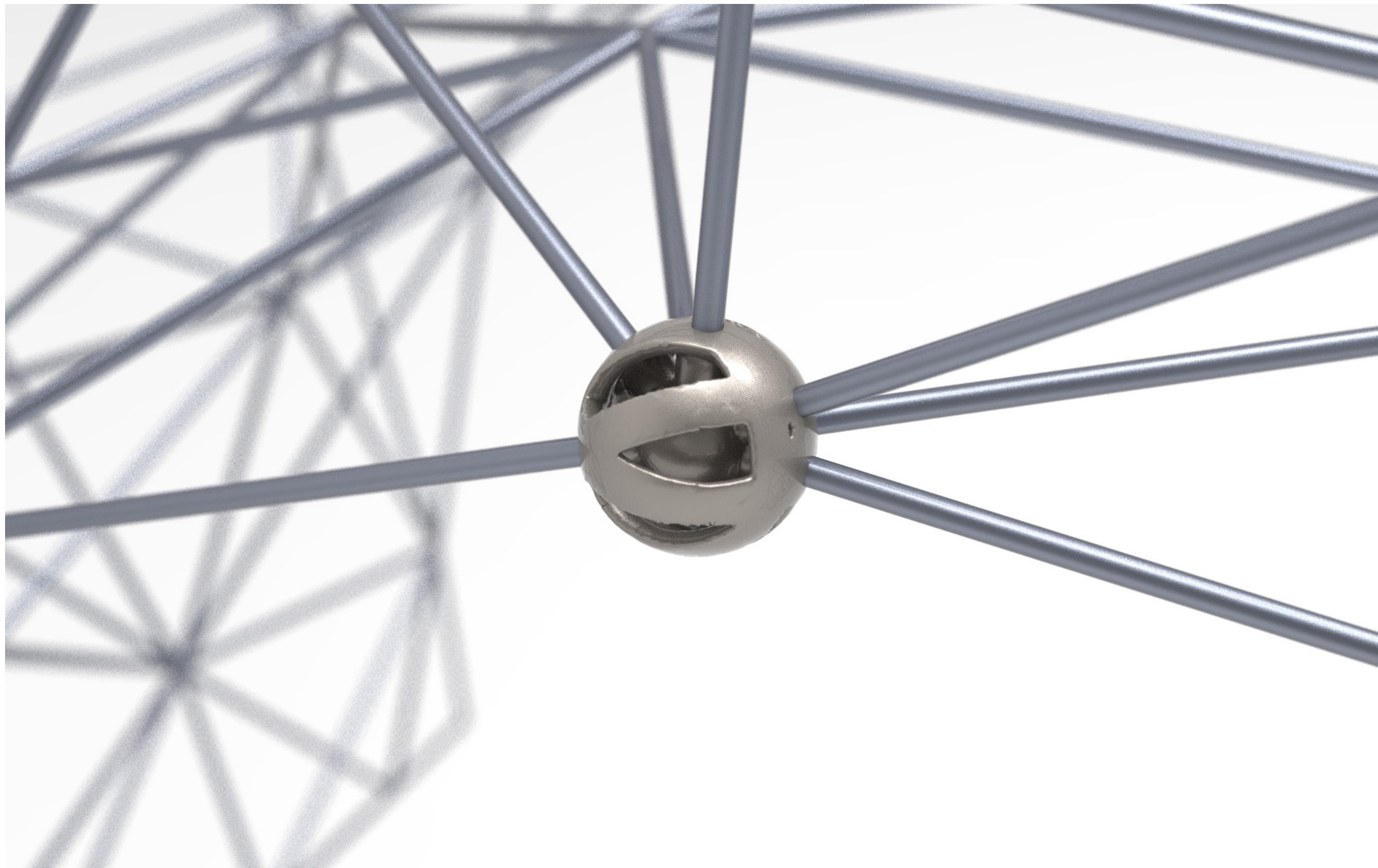


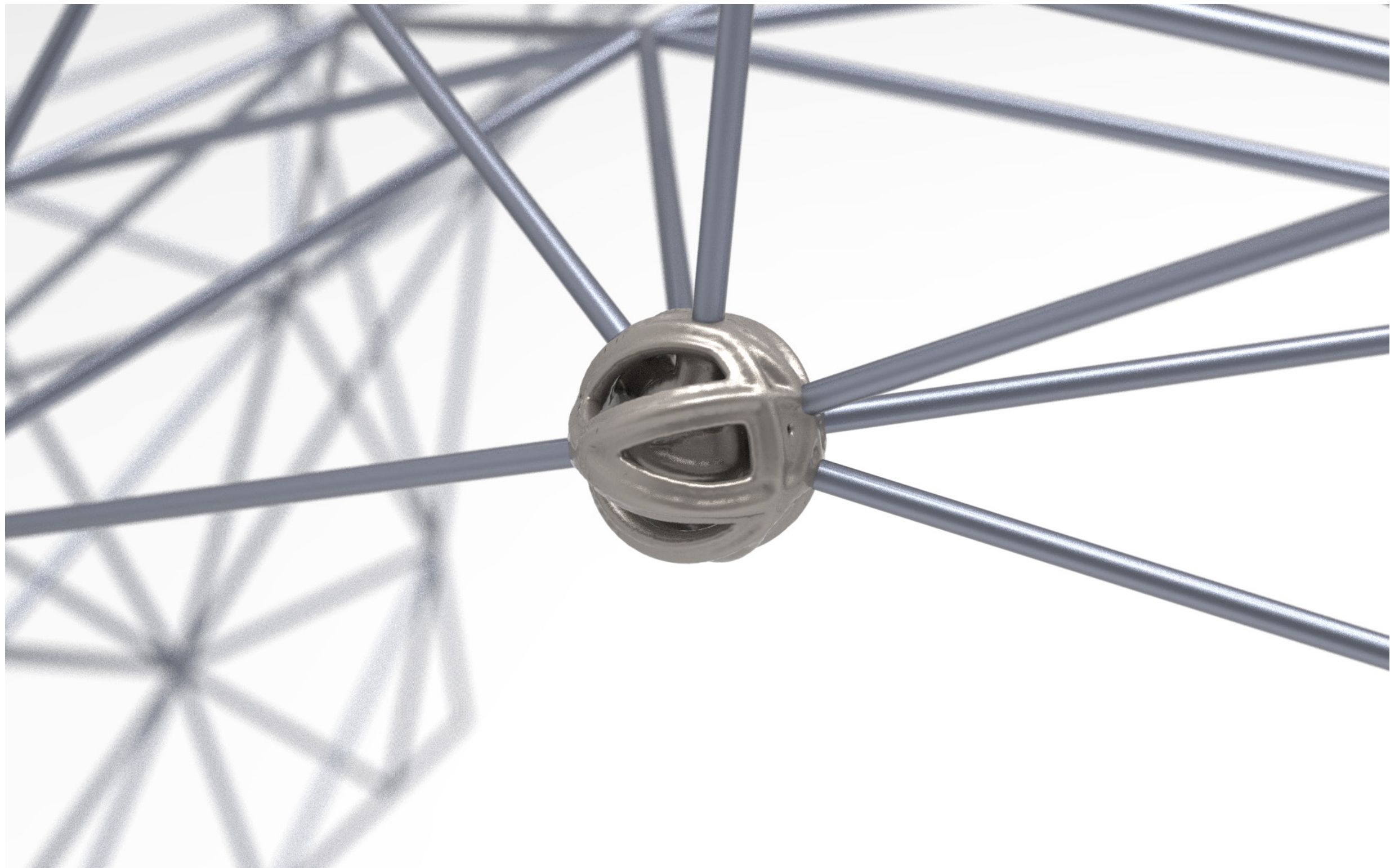


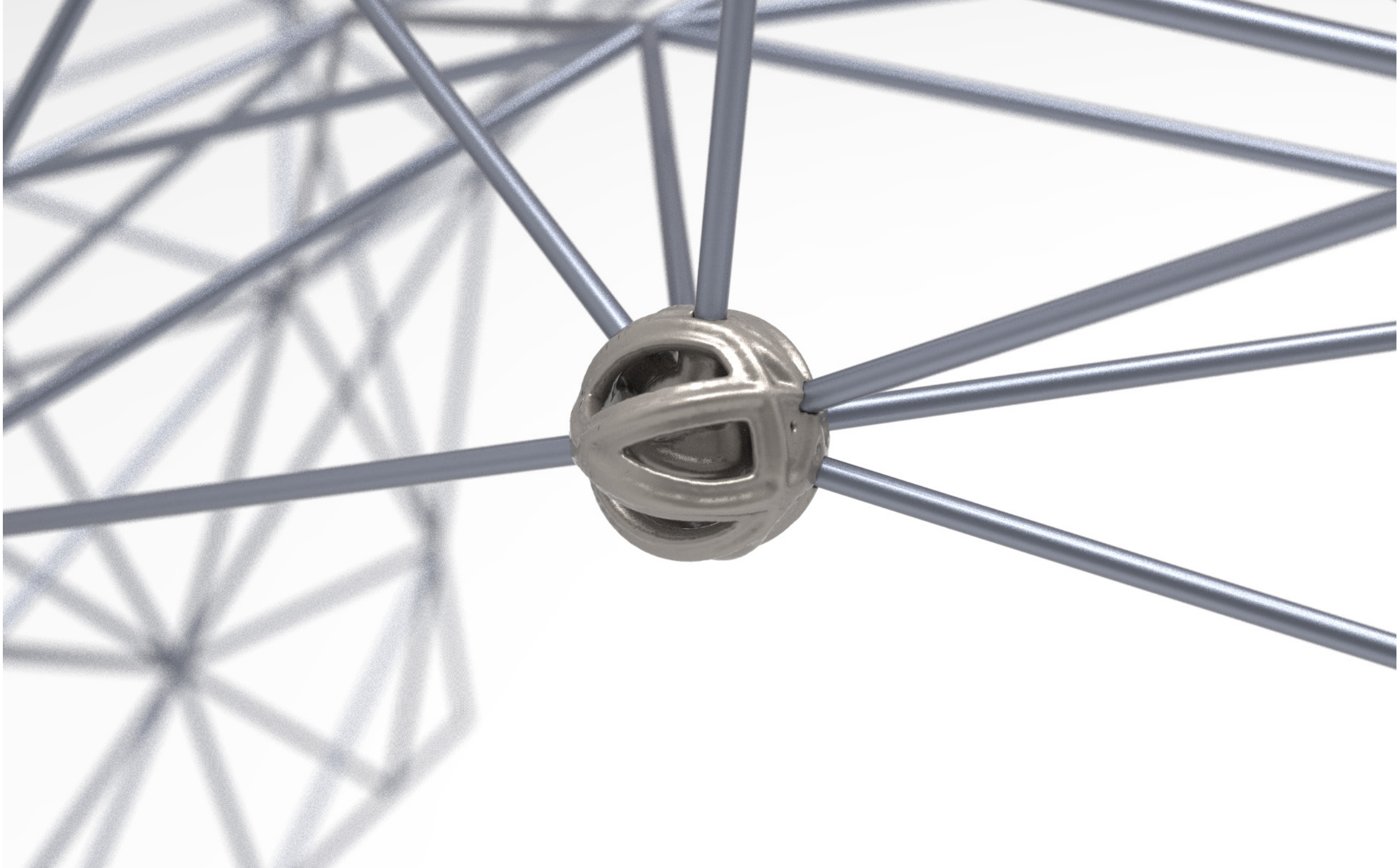


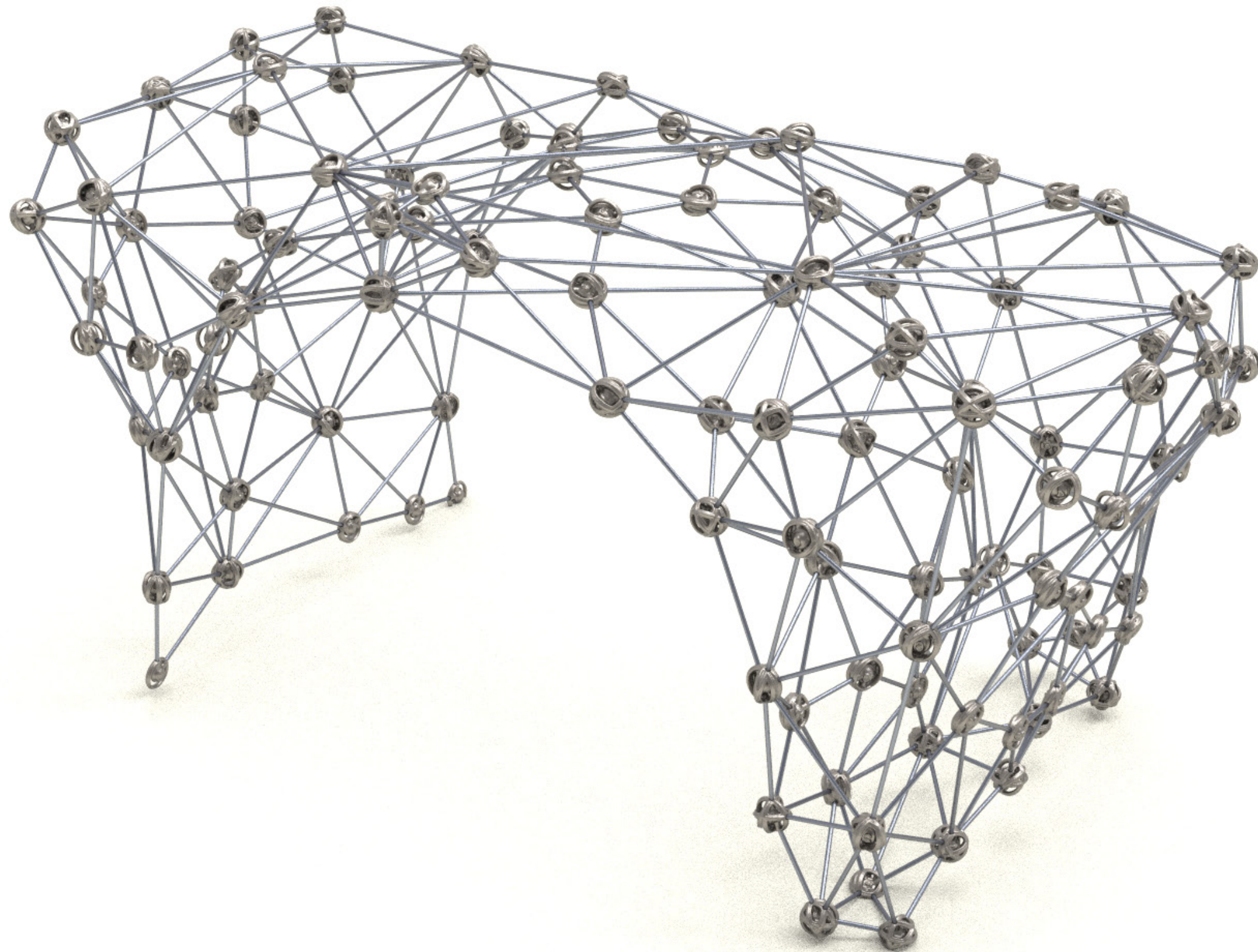


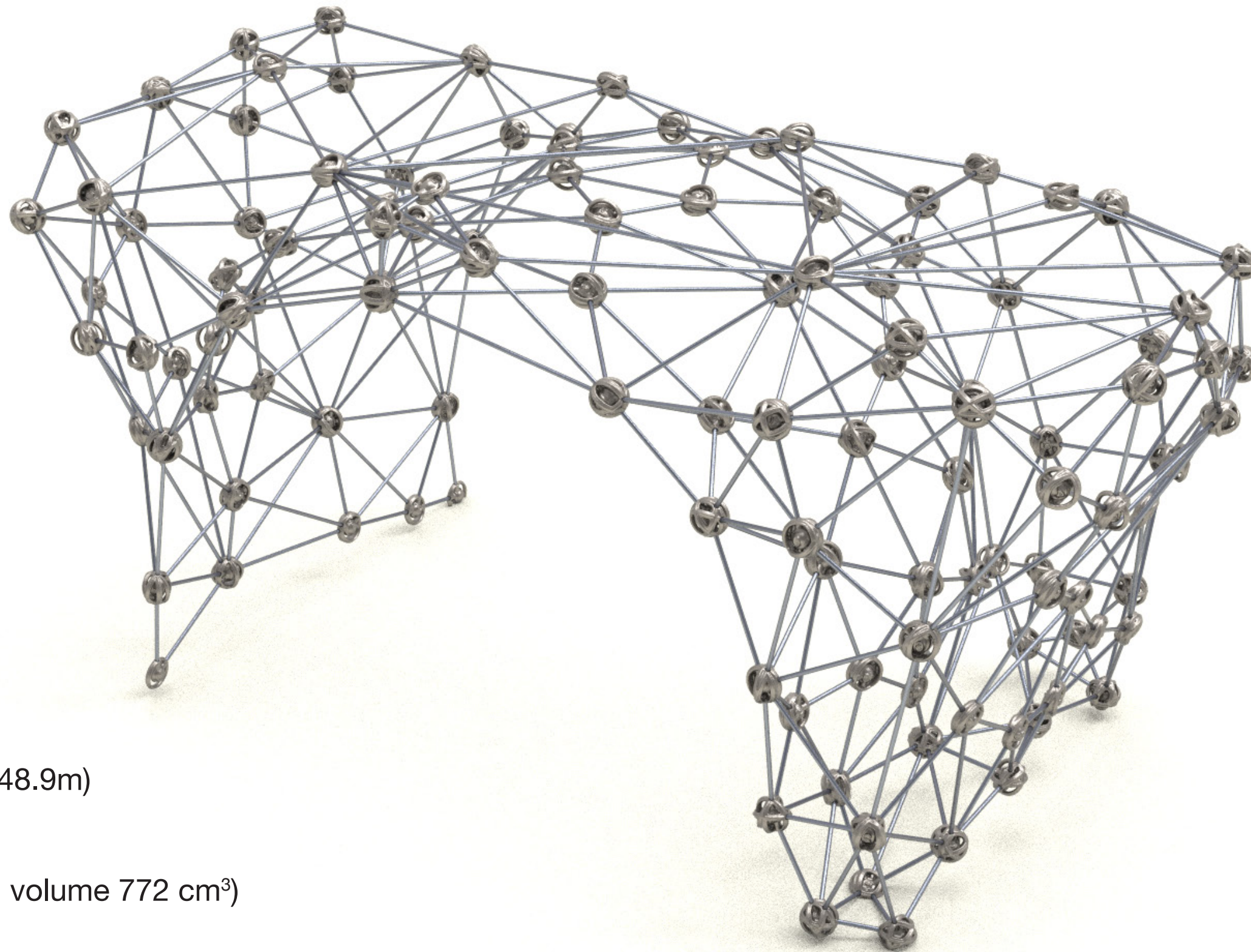












General Metrics

353 rods
(diameter 4mm, total length 48.9m)

121 joints
(outer diameter 30mm, total volume 772 cm³)

