Institute for advanced architecture of Catalonia

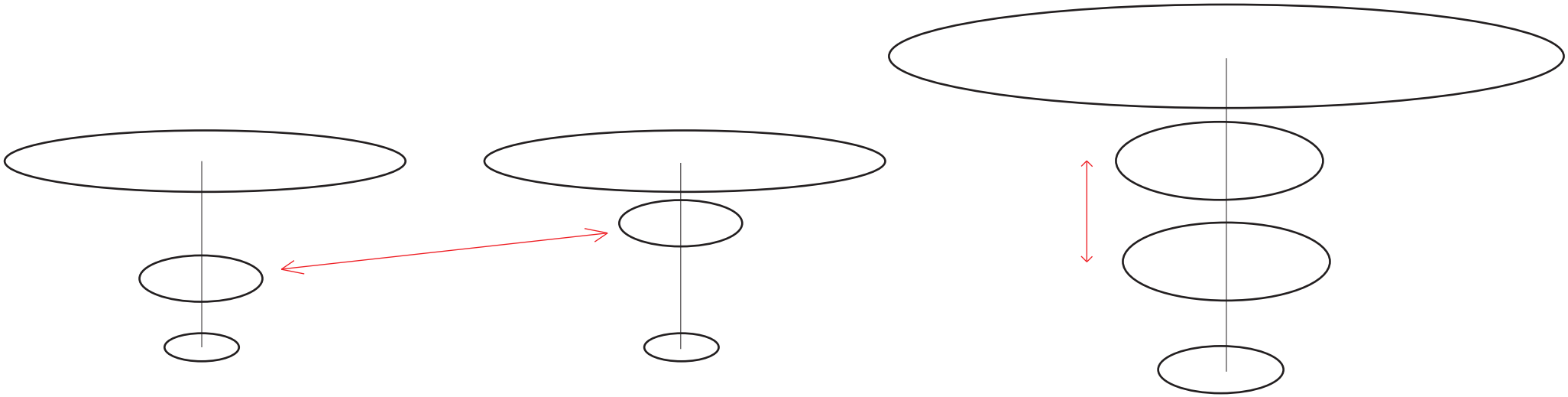
BARCELONA

Lilas Pavilion Zaha Hadid

MASTER IN ADVANCED ARCHITECTURE
SO.3 COMPUTATIONAL DESIGN
2018/2019

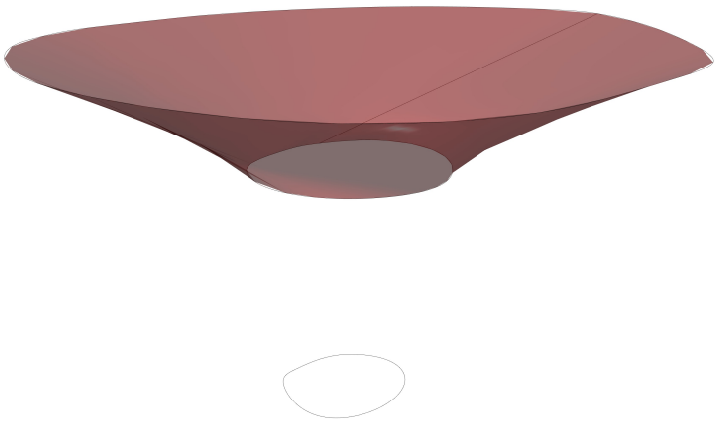
TUTORS: RODRIGO AGUIRRE, DAVID ANDRES LEON
ASSISTANT: DANIIL KOSHELYUK

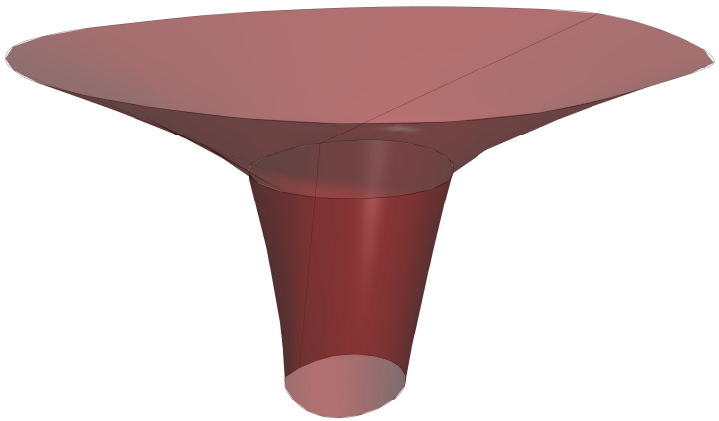
Ricardo Lichtle



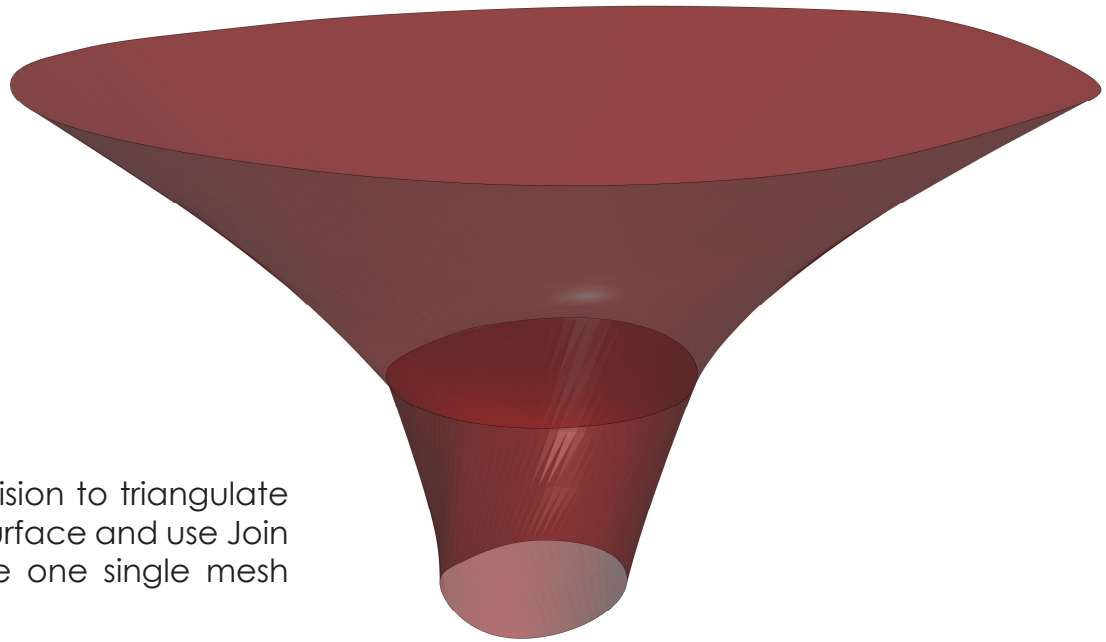
Create a series of curves, in this case 3. A smaller one at the bottom, a medium size one at the center and a bigger one on top.

Use a slider and a move panel to move the position on the Z plane of the medium size curve.

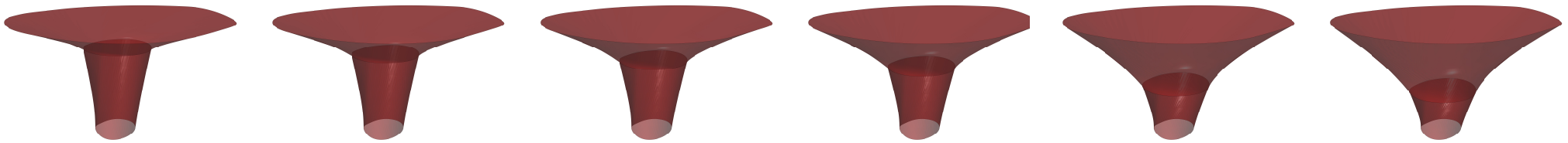




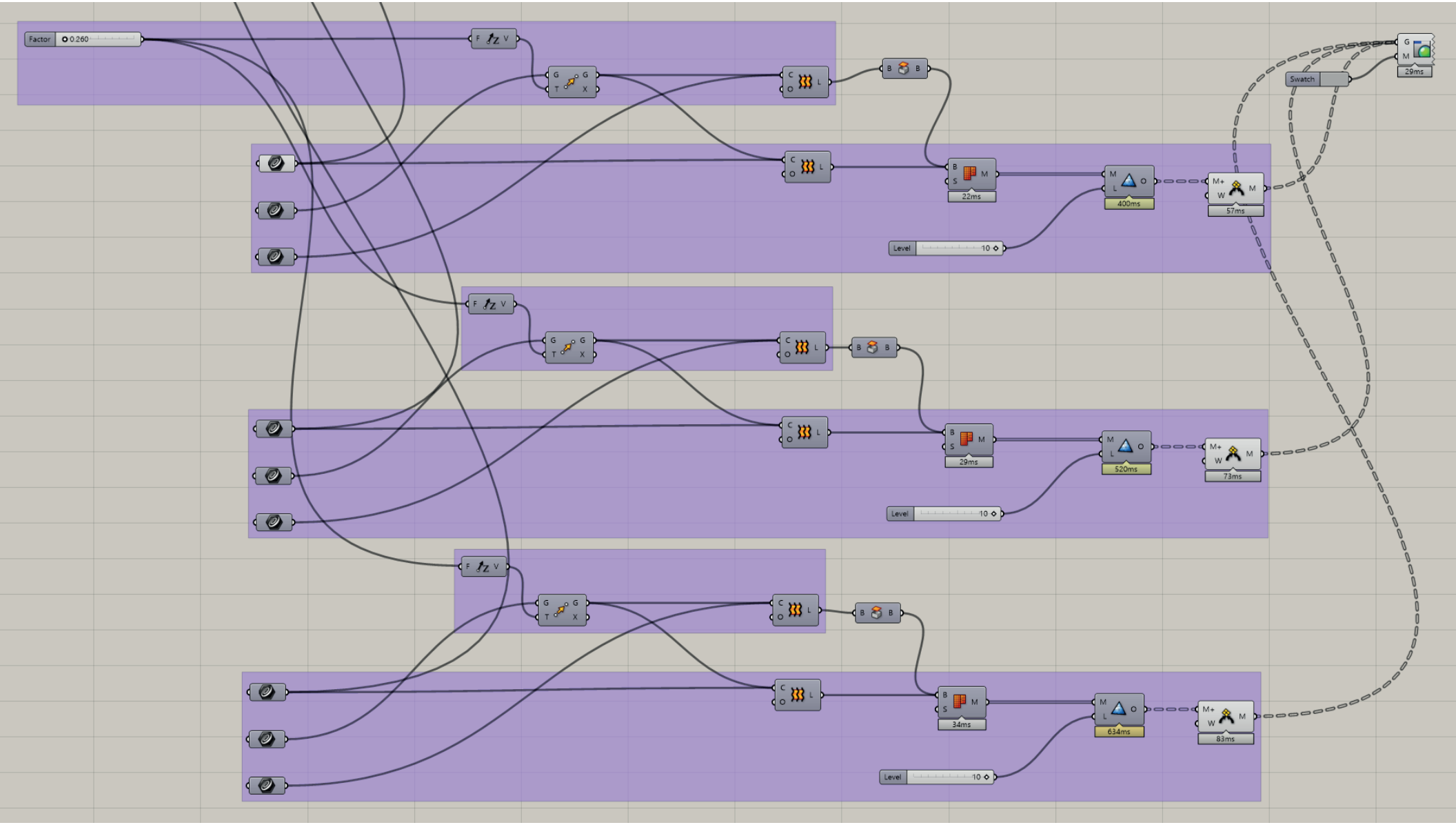
Using loft connect the middle and top curve and do the same for the bottom and middle curves, this way we have two separated lofts that can be joined with a mesh.

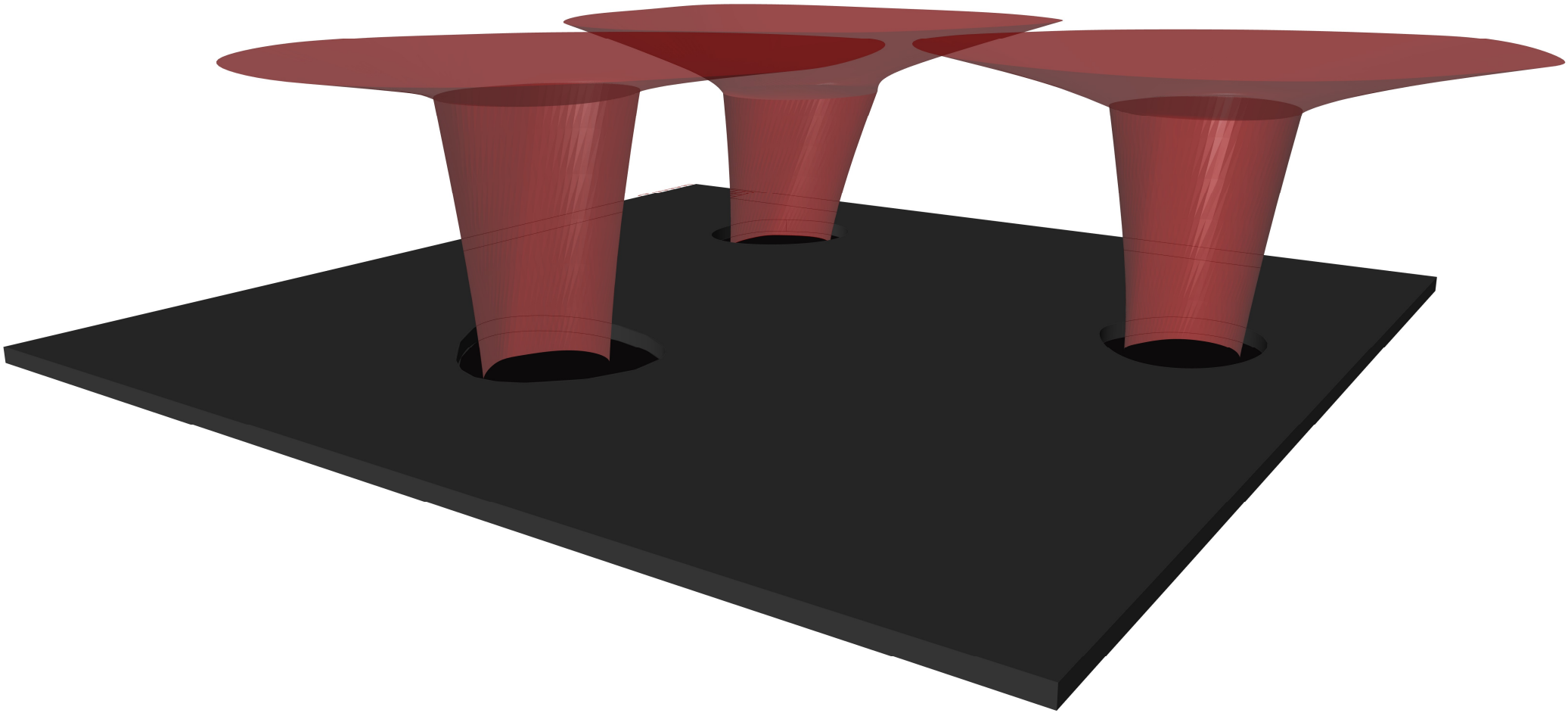


Use Split Triangles Subdivision to triangulate the mesh for a smother surface and use Join Mesh and Weld to have one single mesh instead of two

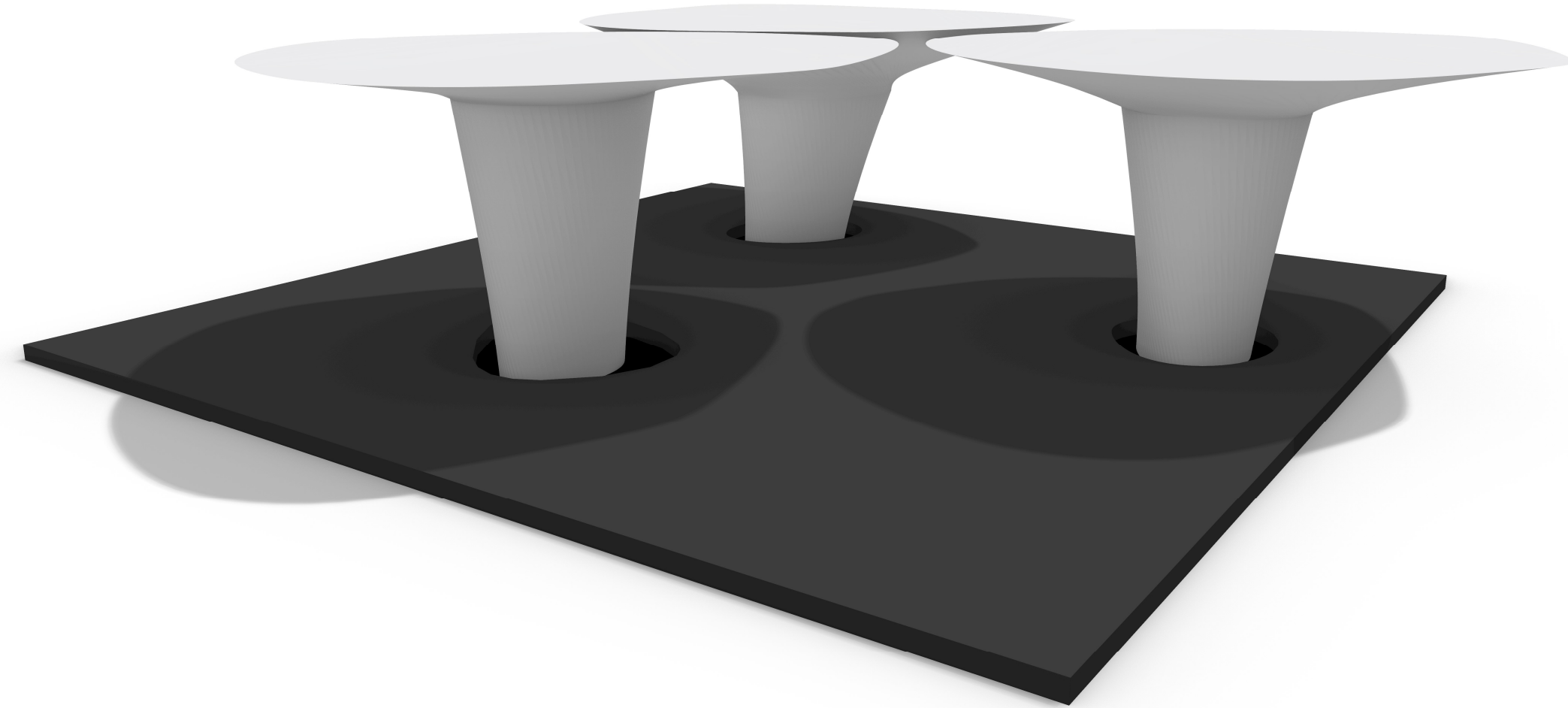


By using the slider on the middle curve you can change the position of the curve and change the shape of the mesh.

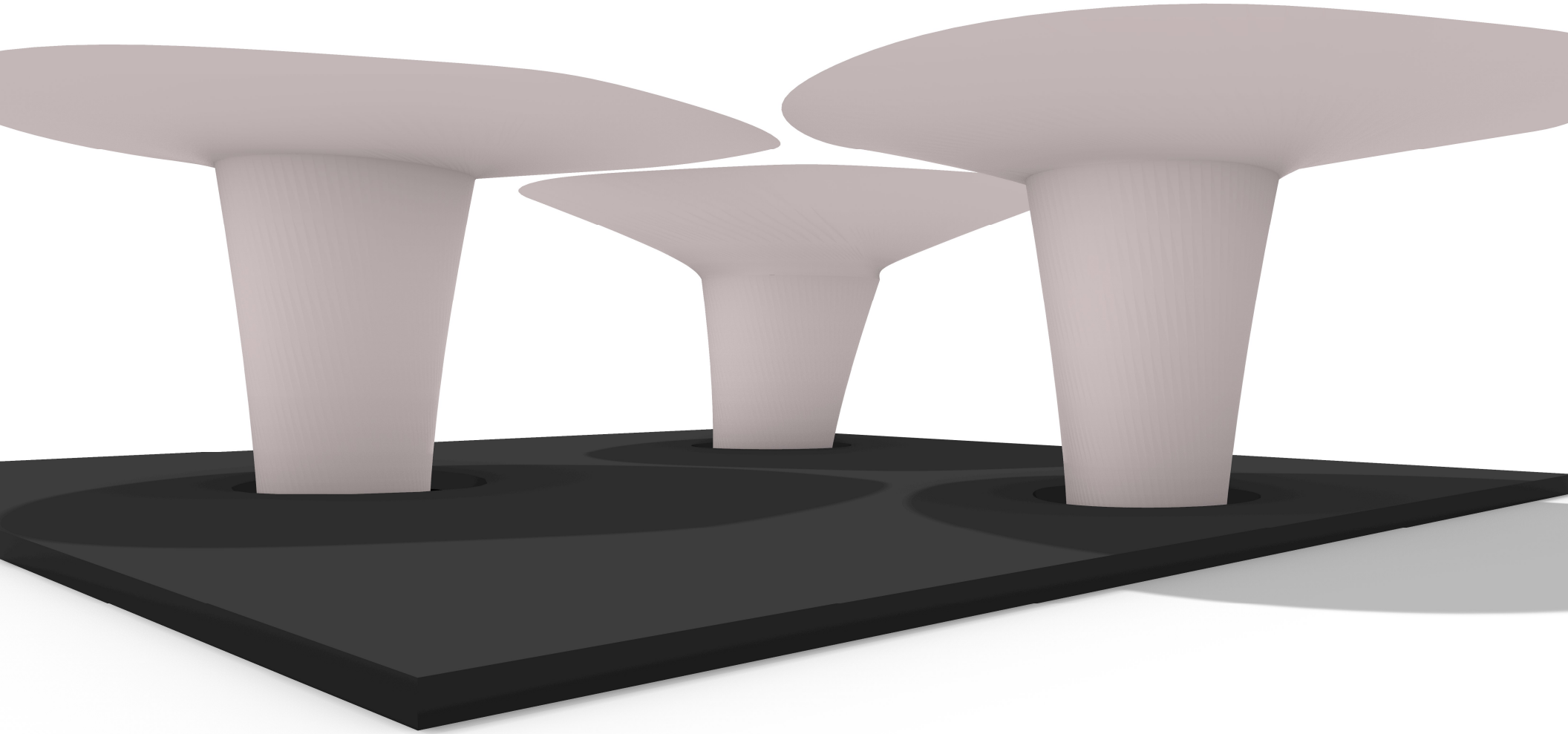

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Swatch
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22ms
400ms
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Level
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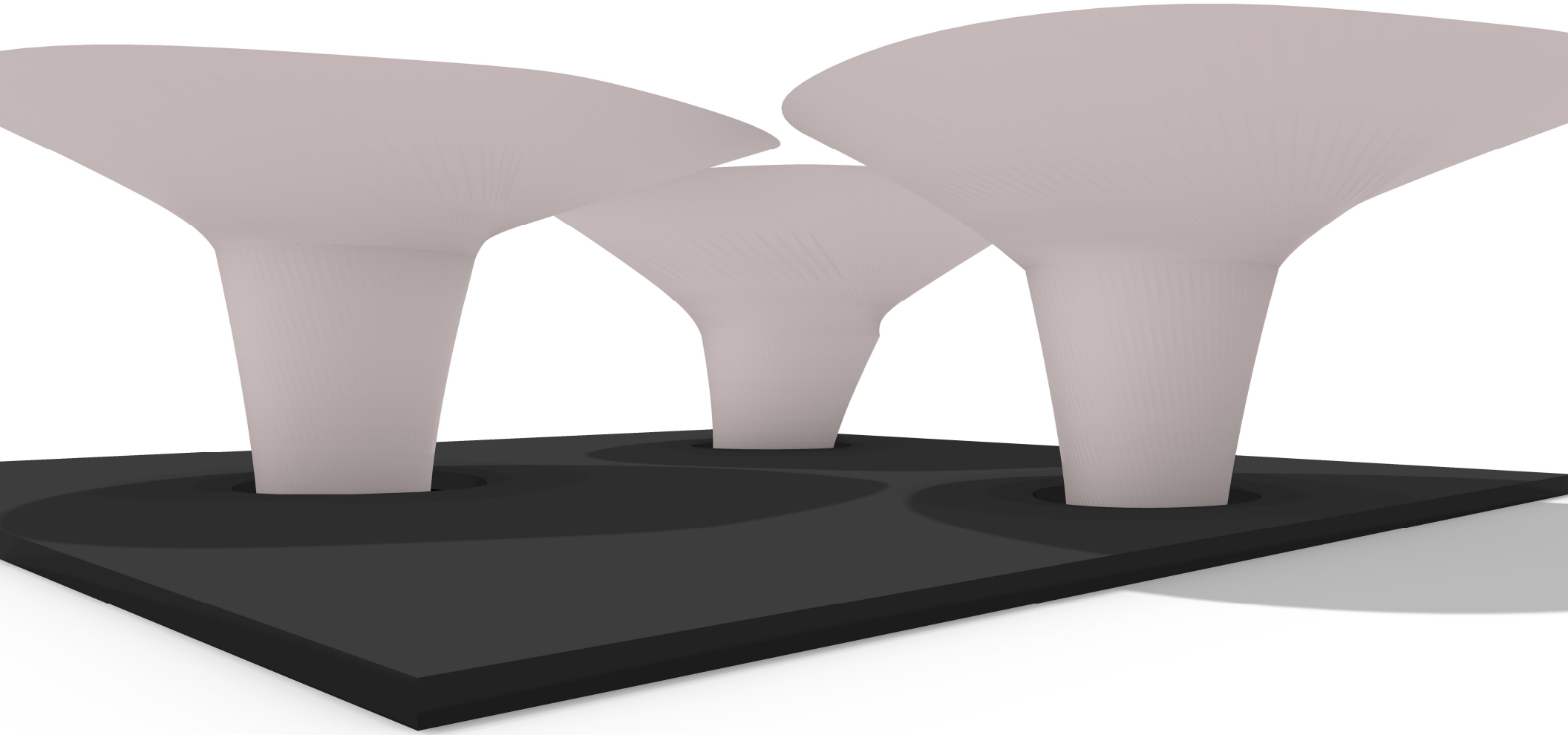


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Photography: courtesy of Sotheby' https://thespaces.com/zaha-hadids-2007-serpentine-pavilion-sale/

Thanks!