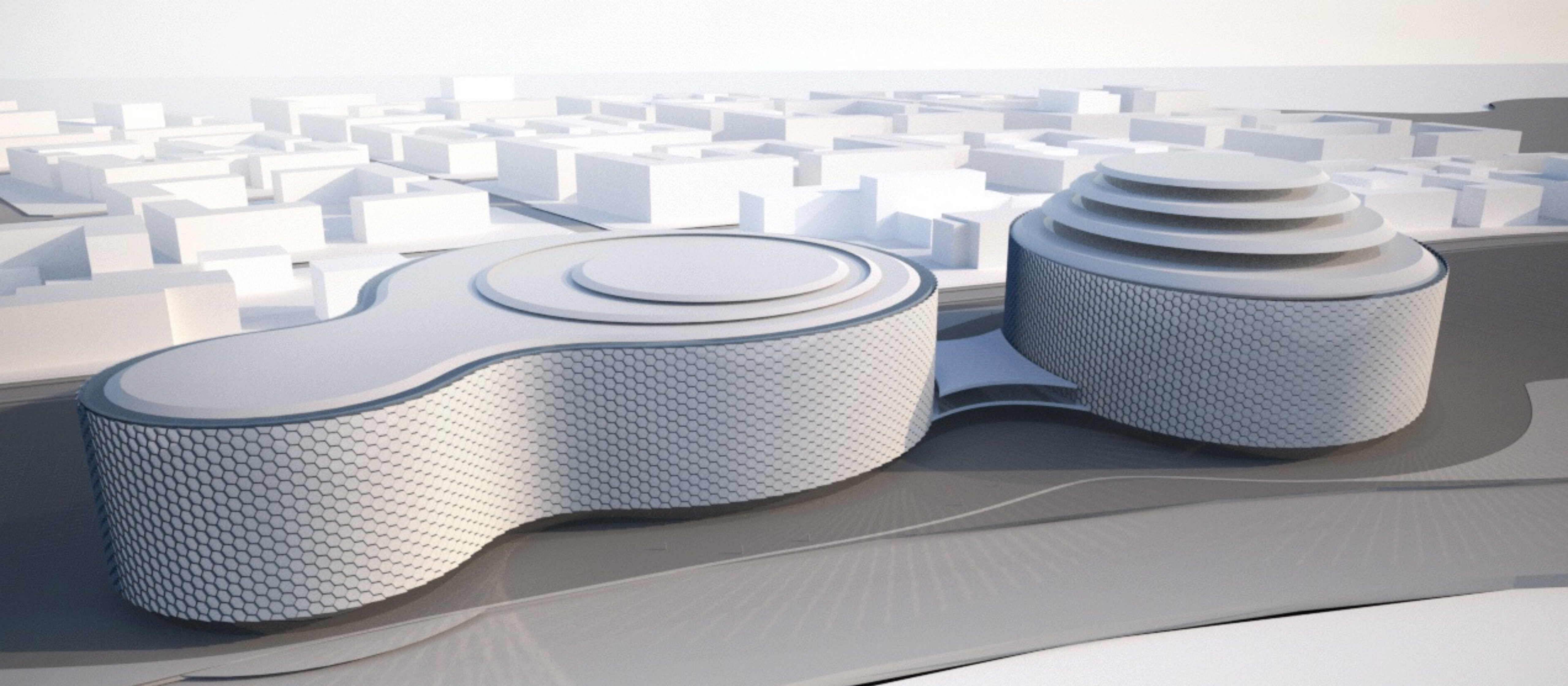


Periodic conformal maps

Stefan Sechelmann, Thilo Rörig



Motivation

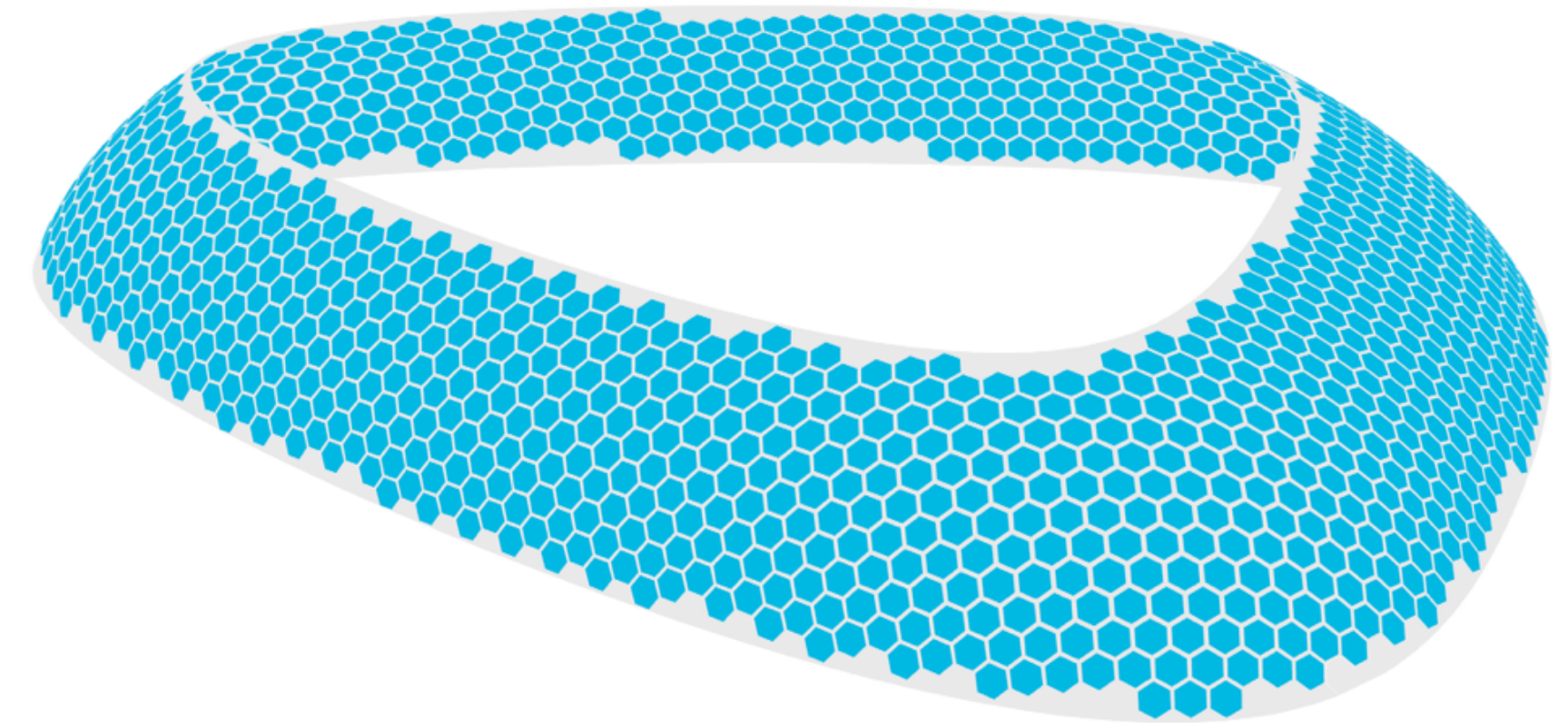
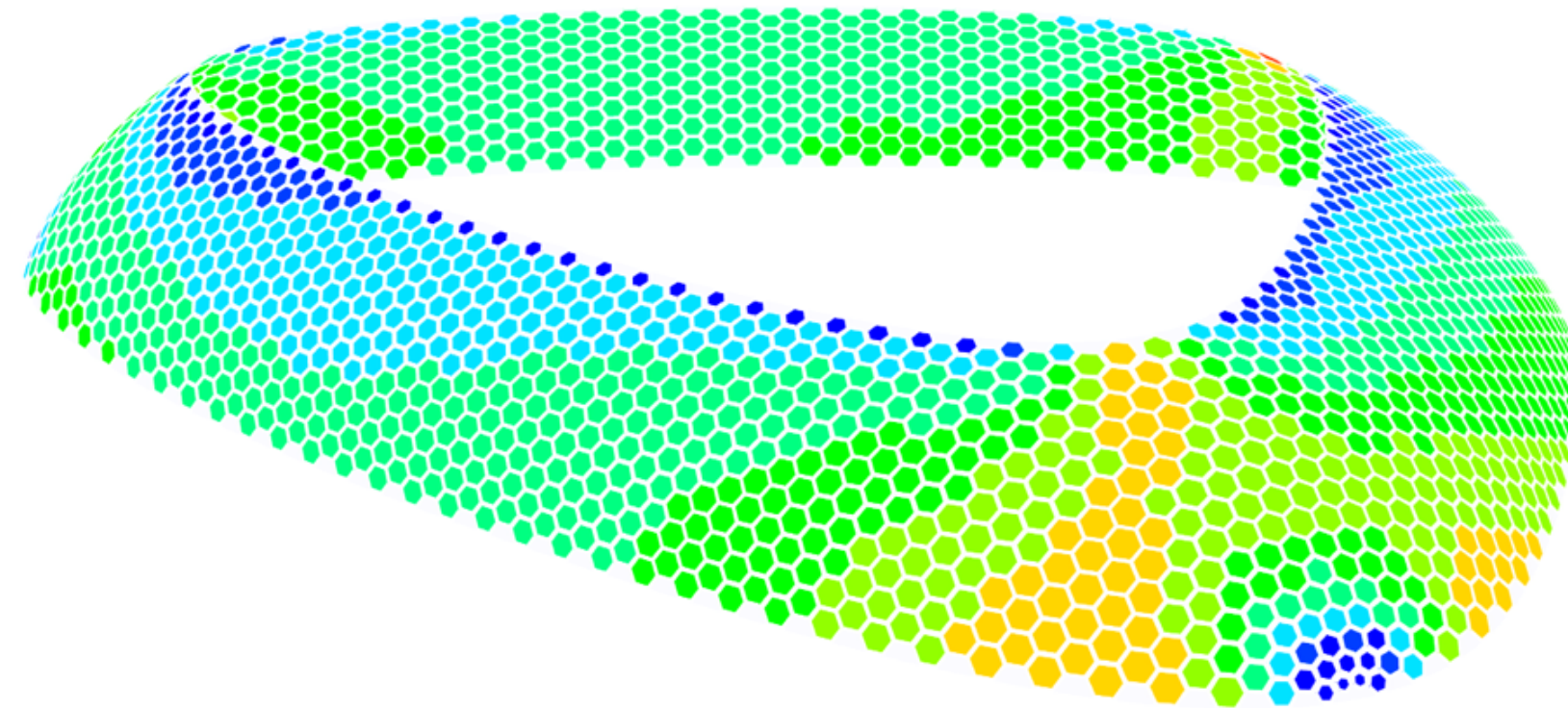
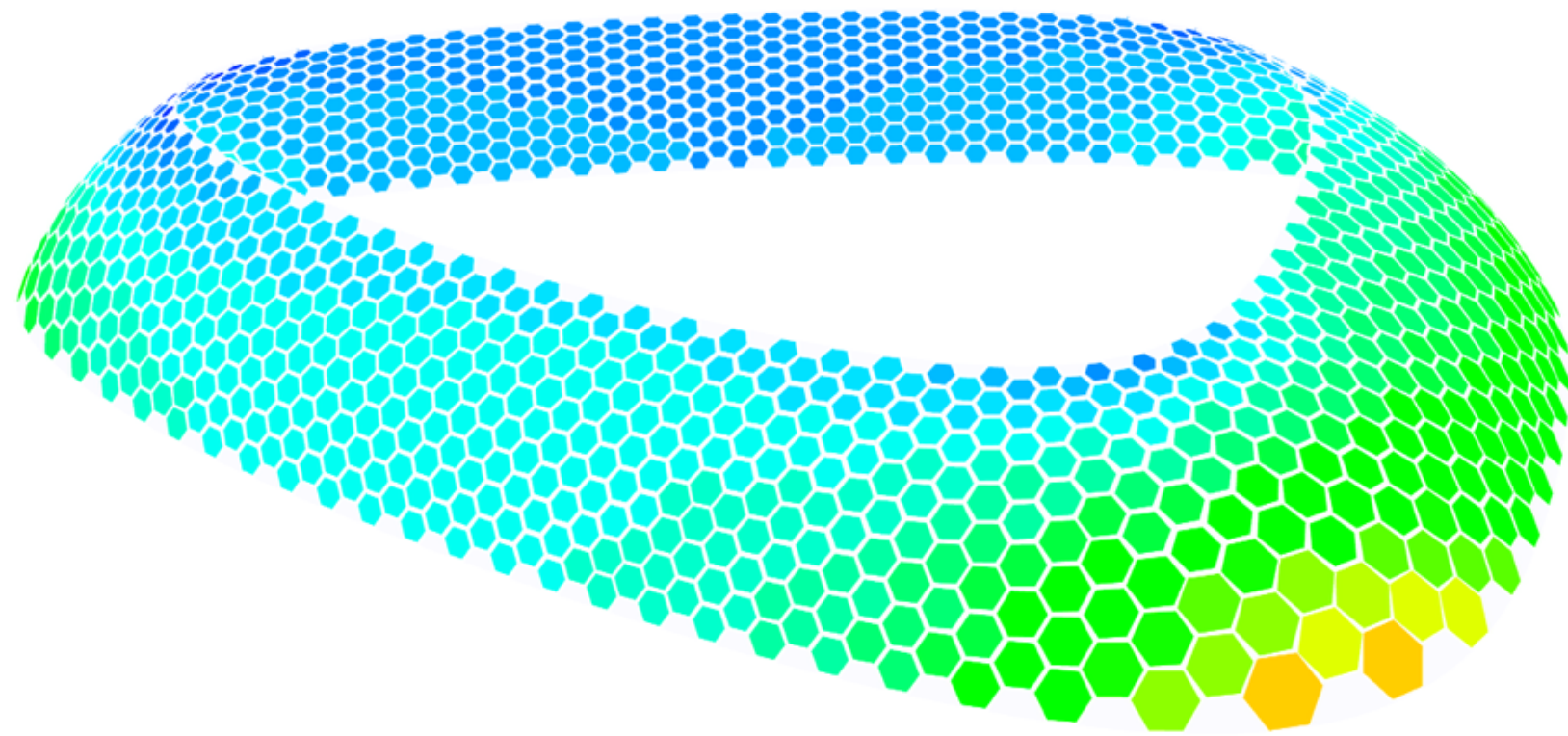
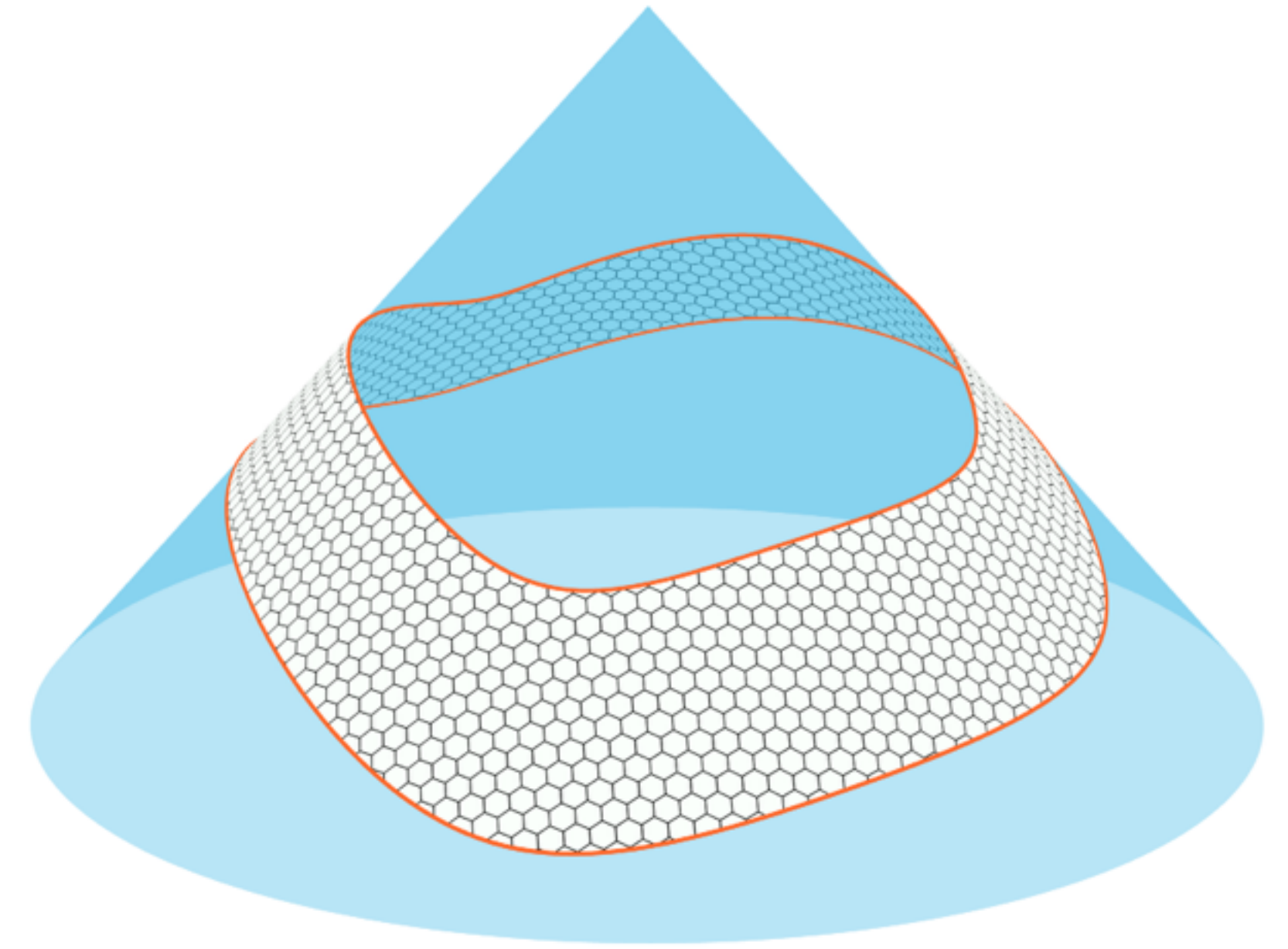
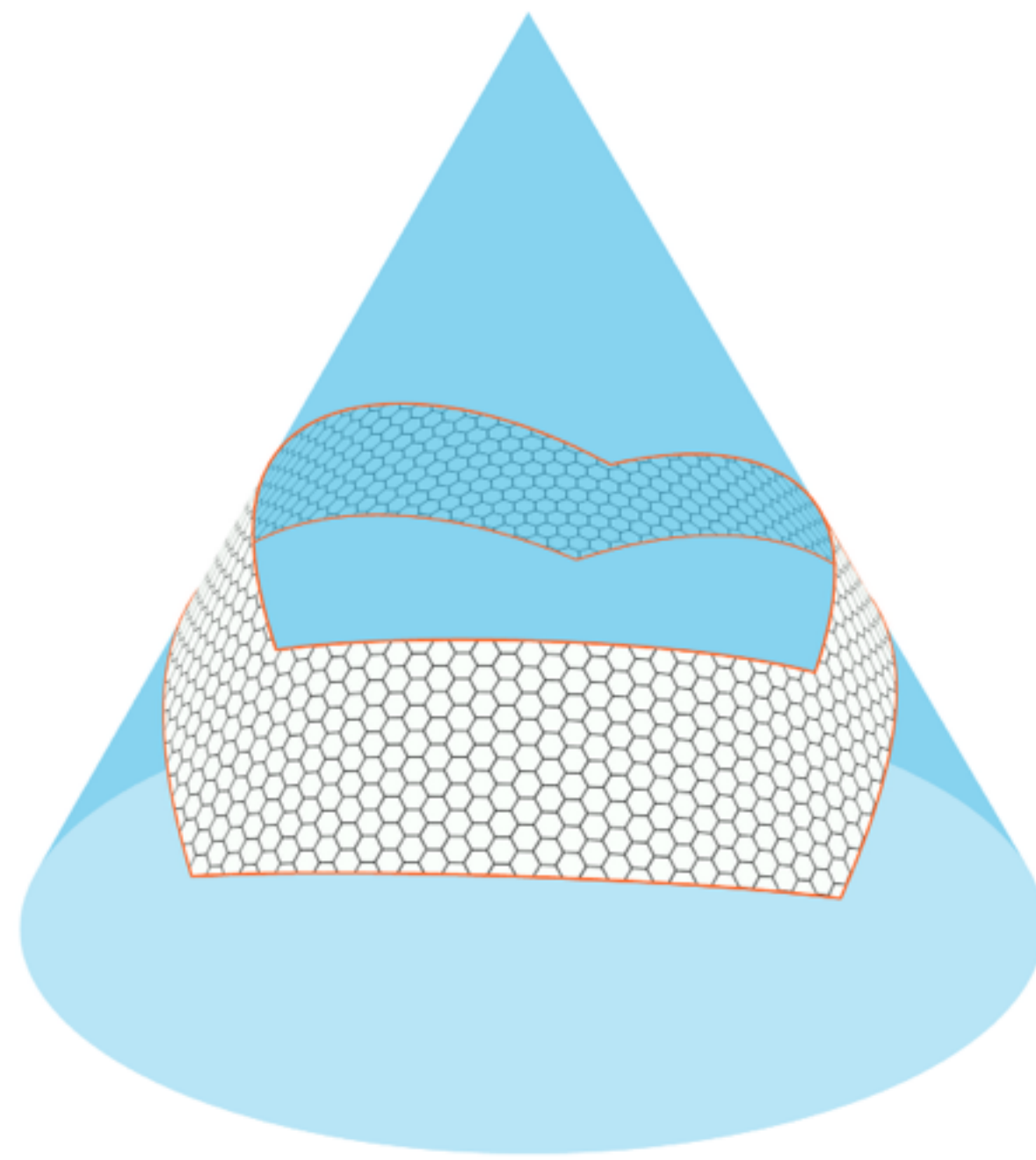
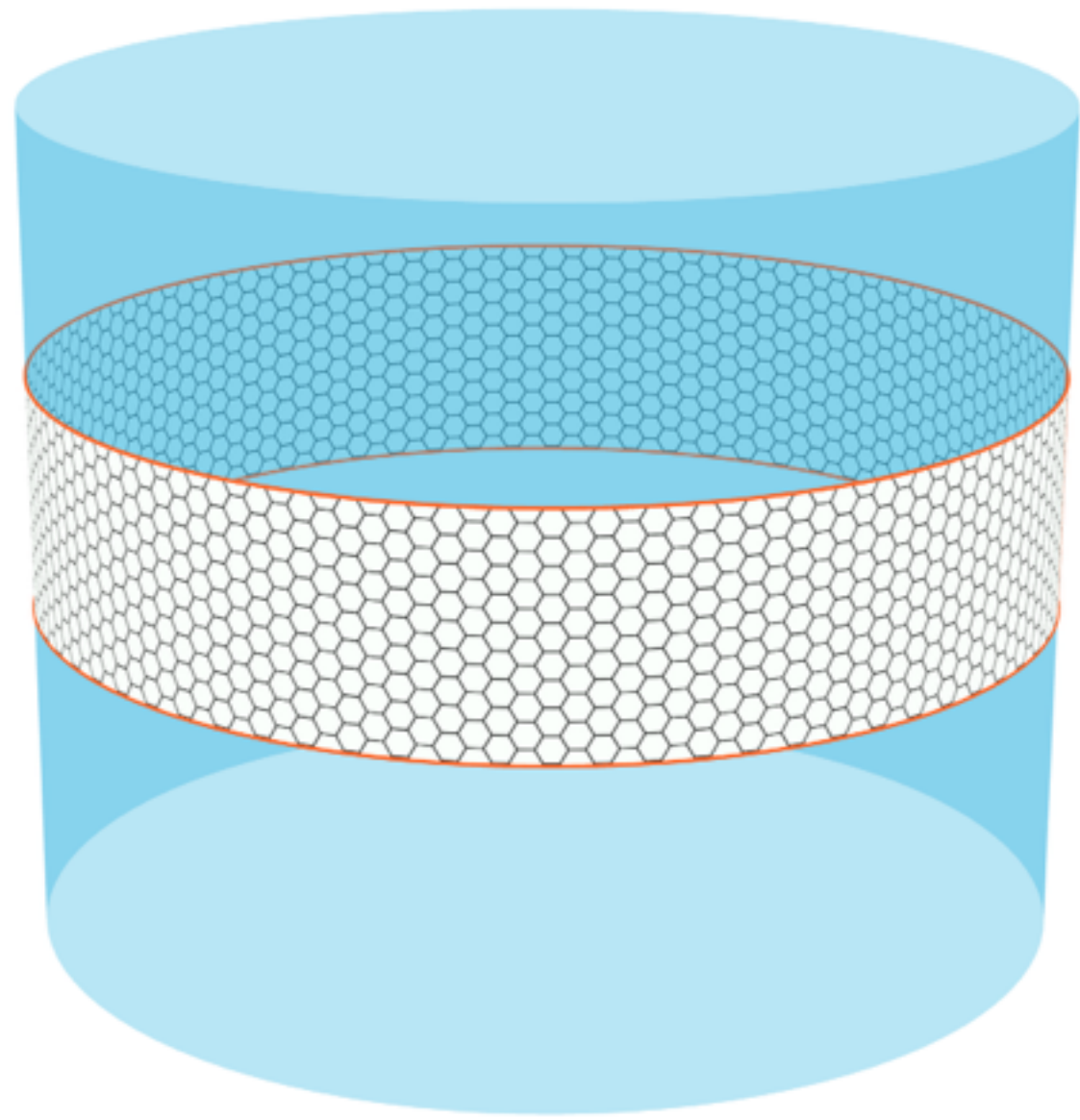
HENN Architects

Surface panelization using periodic conformal maps
Advances in Architectural Geometry 2014

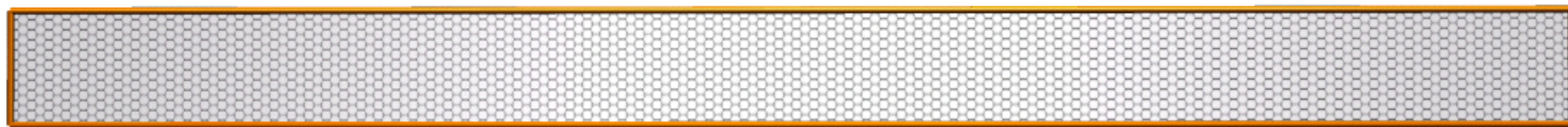
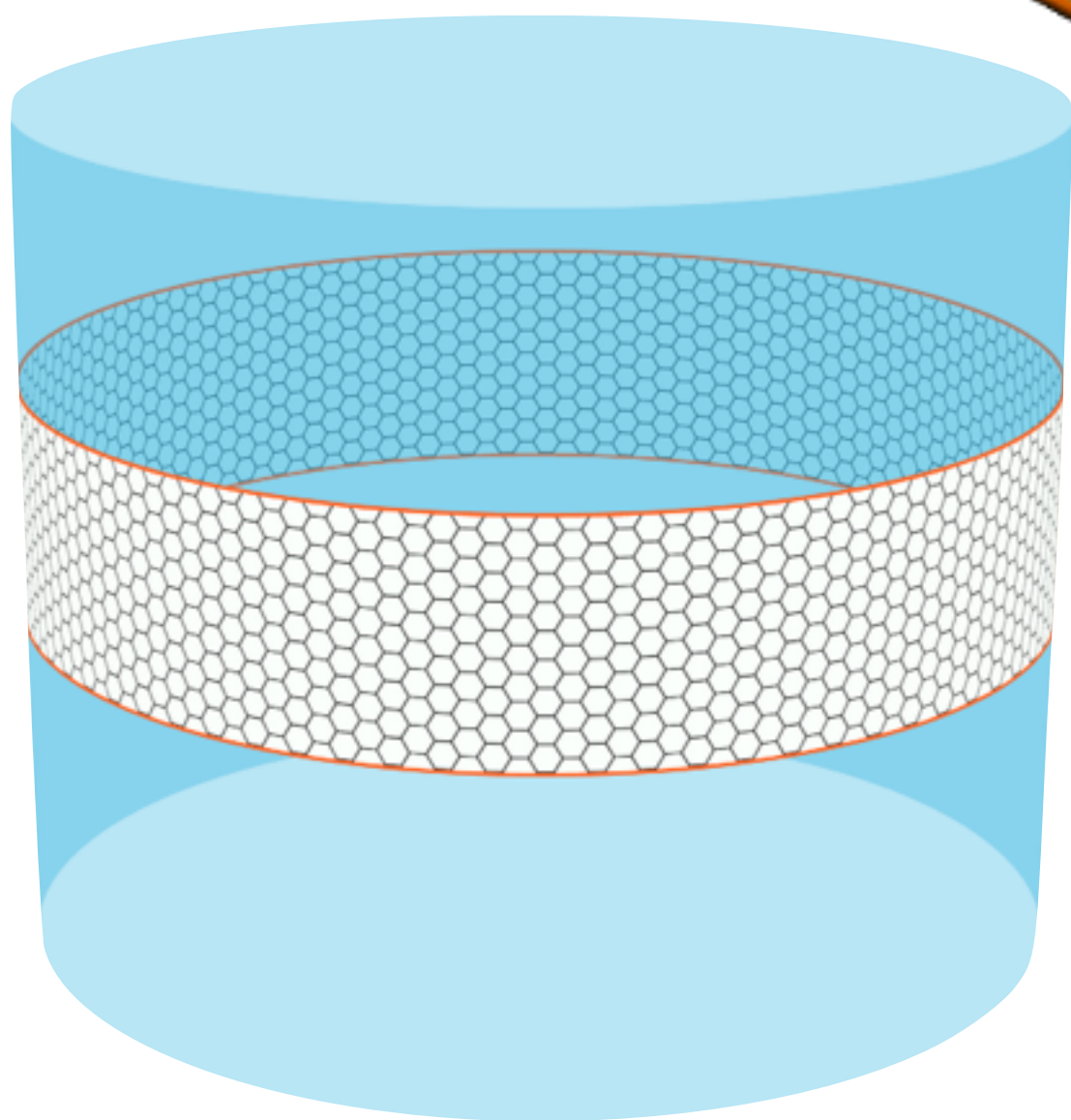
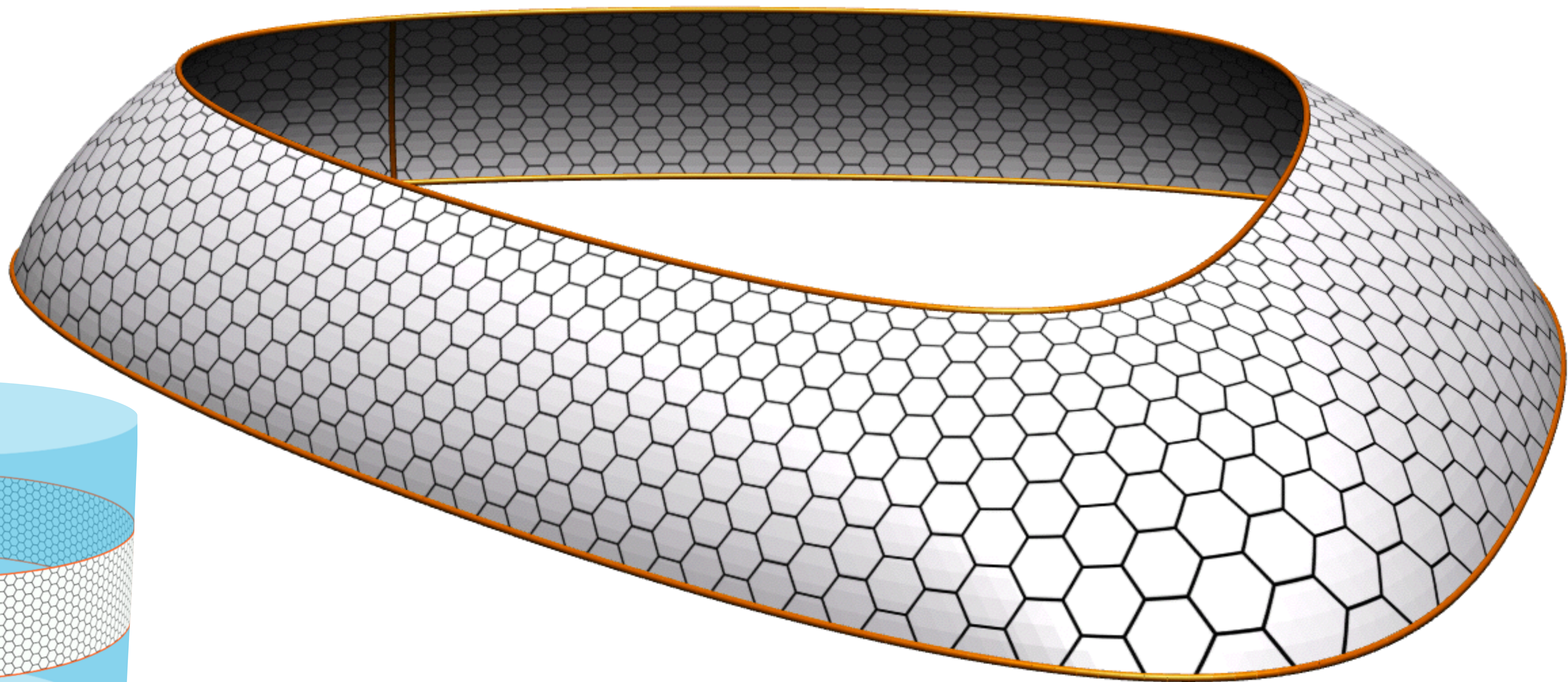
Joint work Agata Kycia and Moritz Fleischmann
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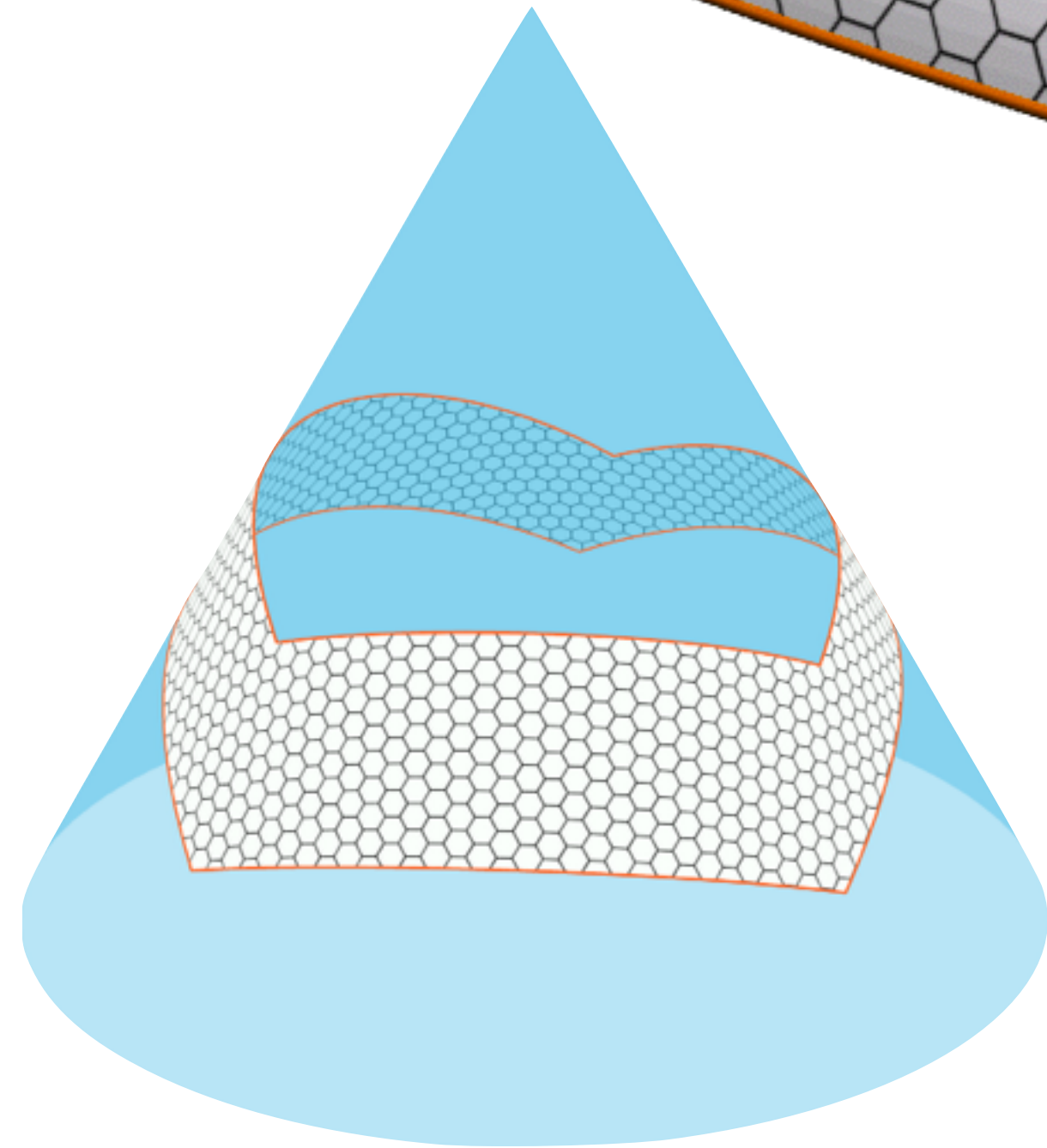
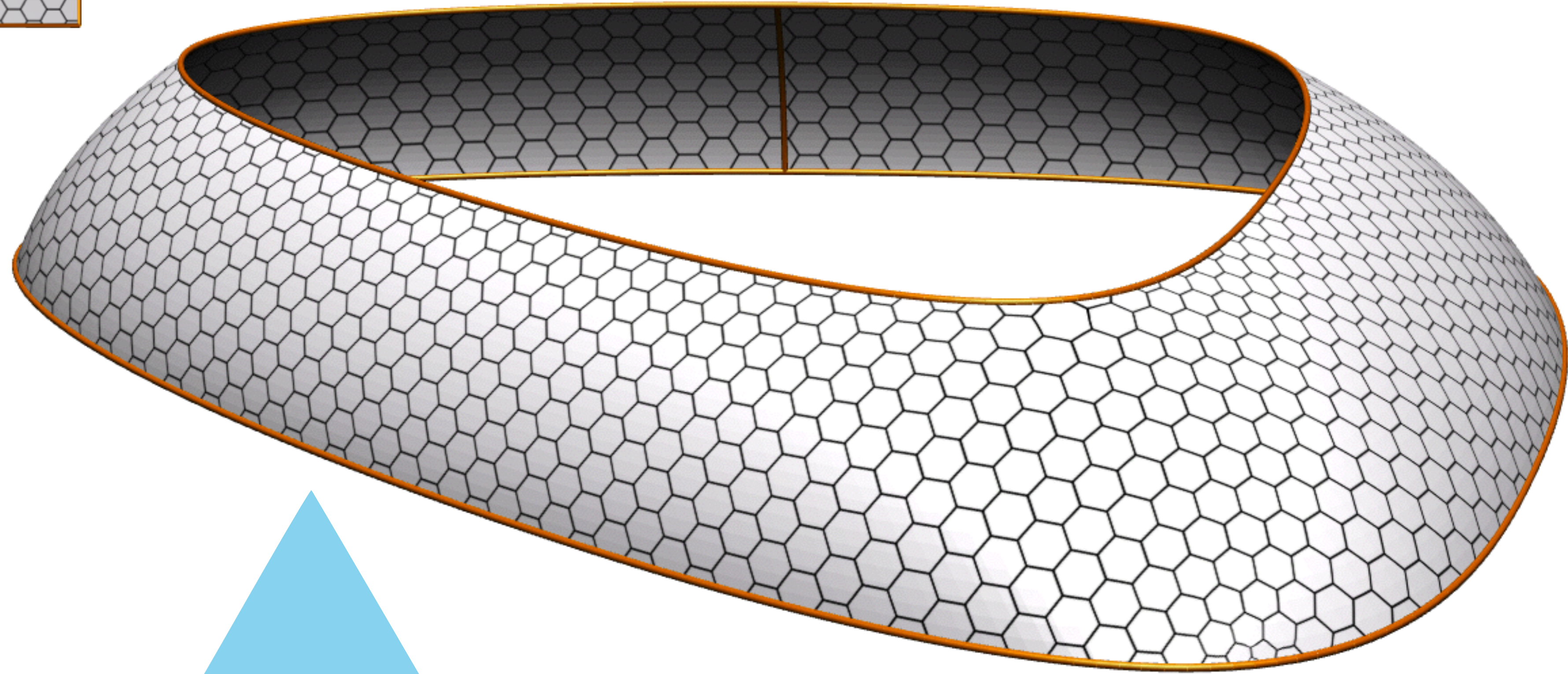
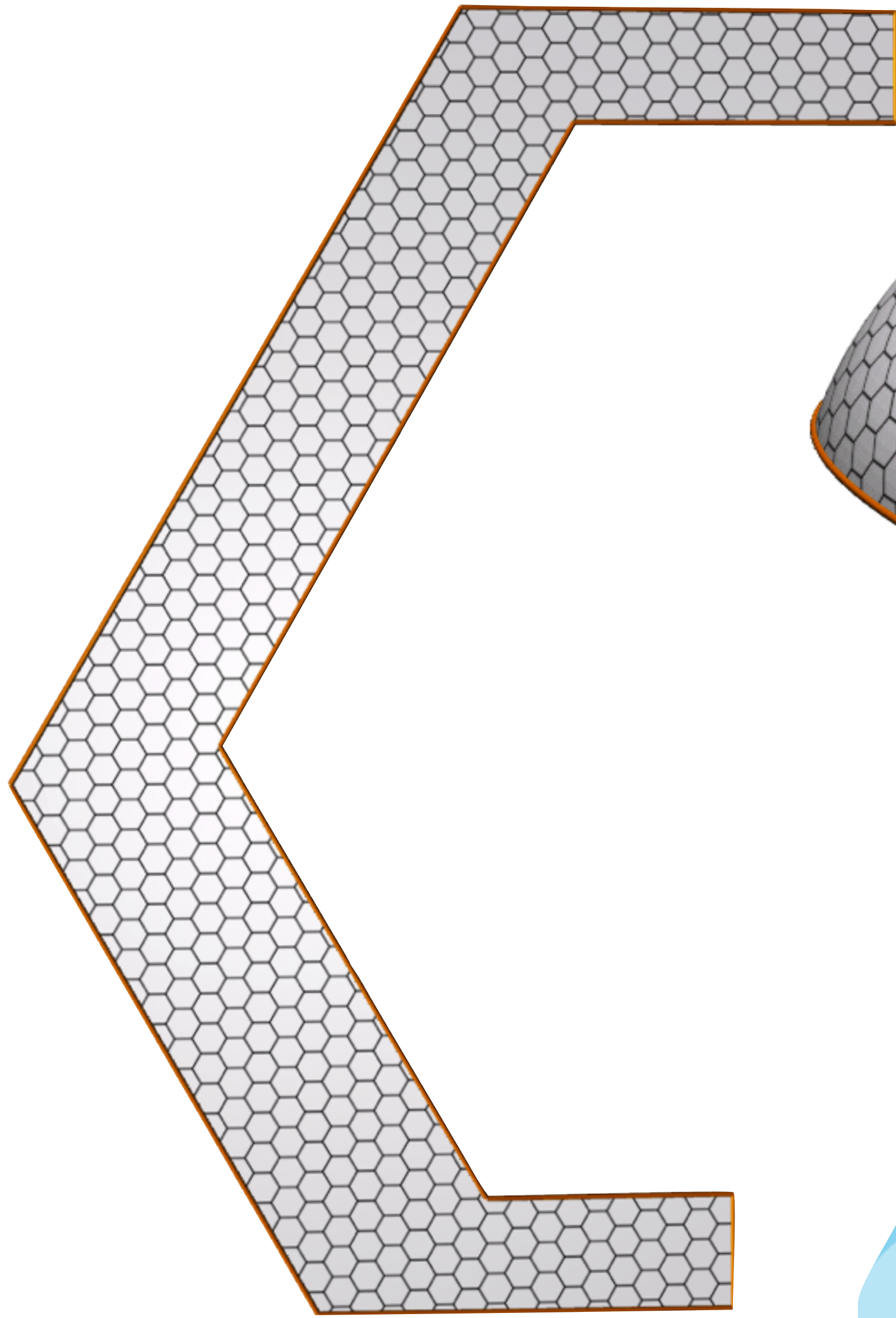
AAG 2014 Best Paper Award Ceremony

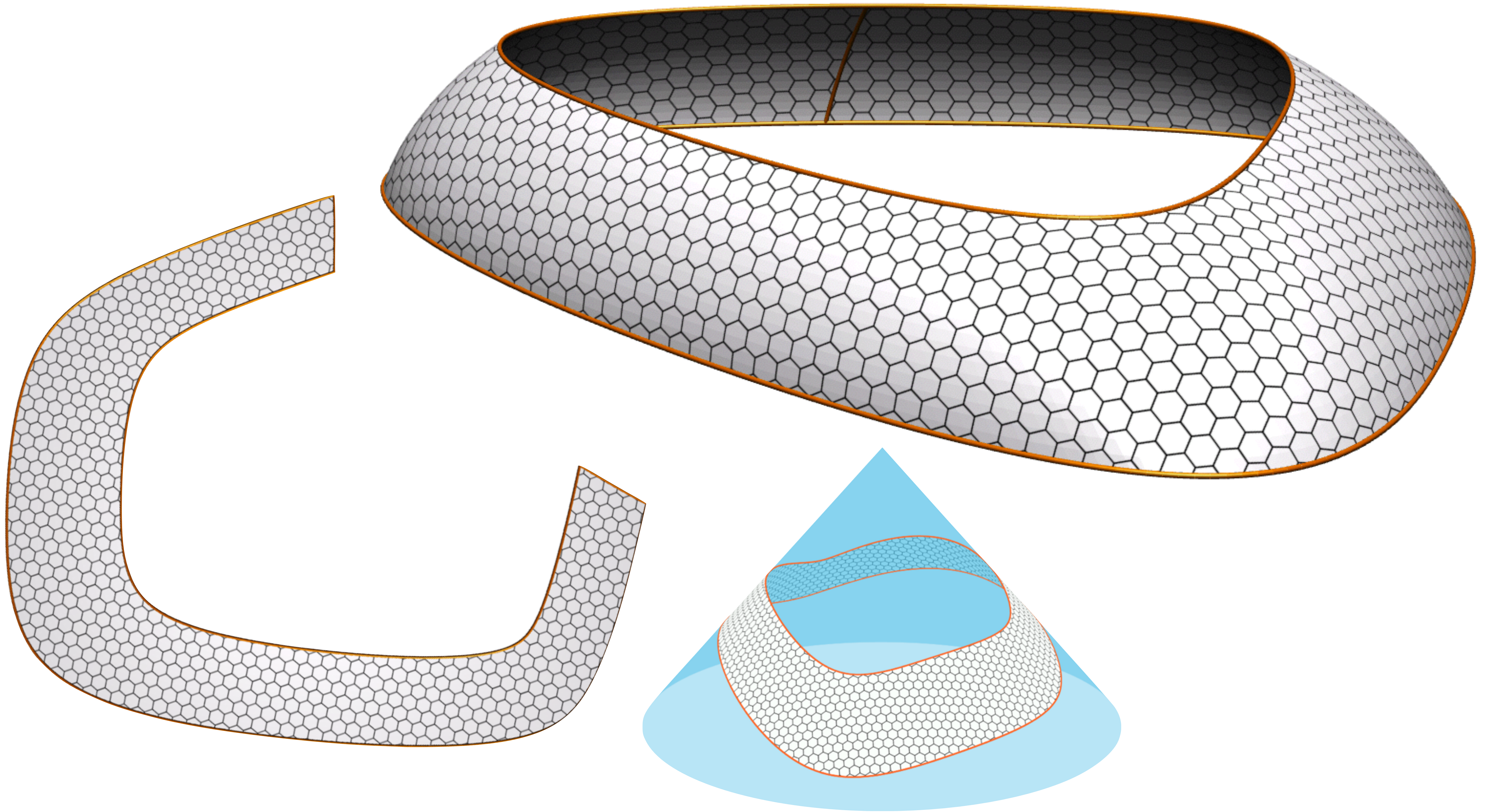


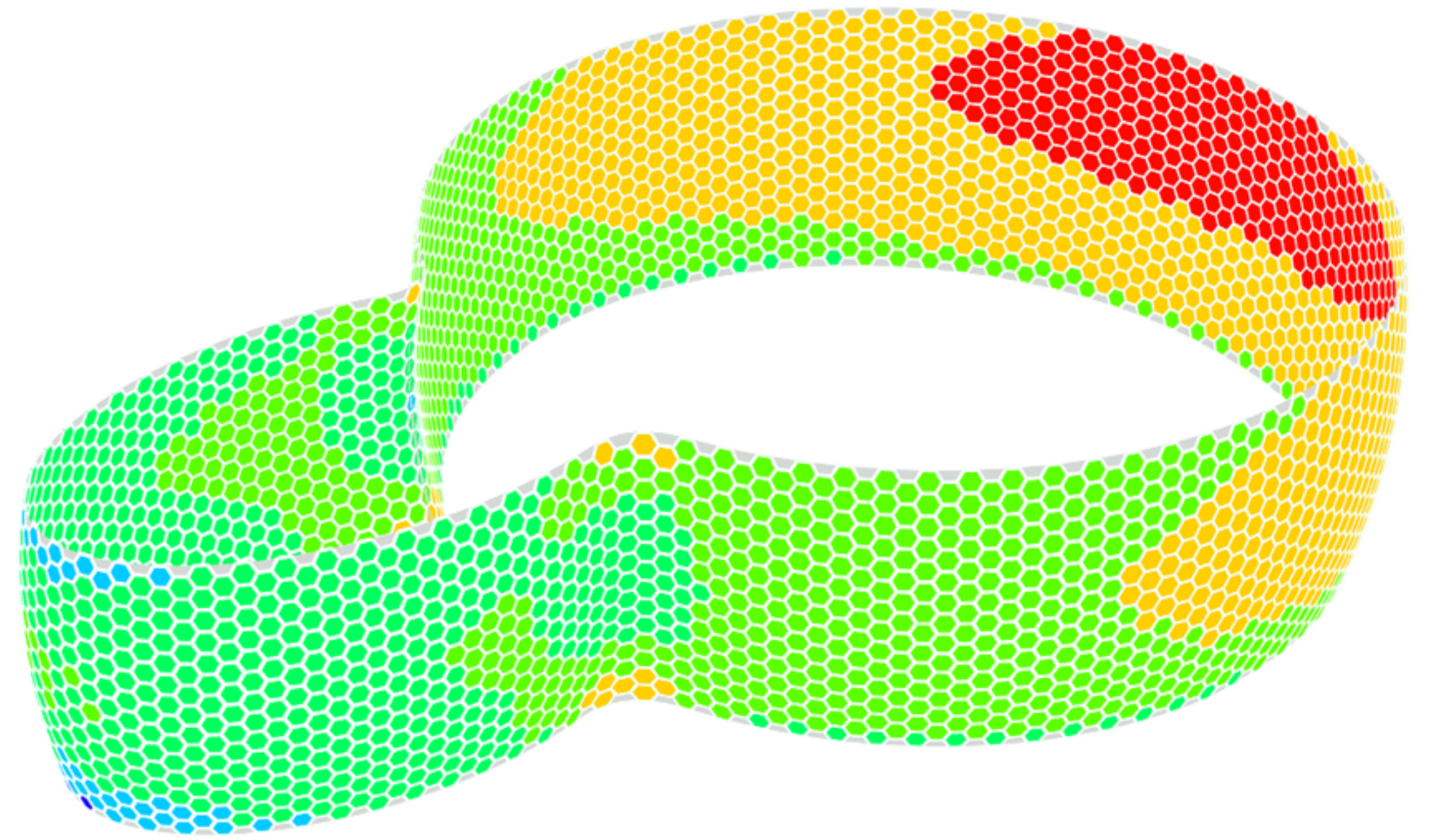
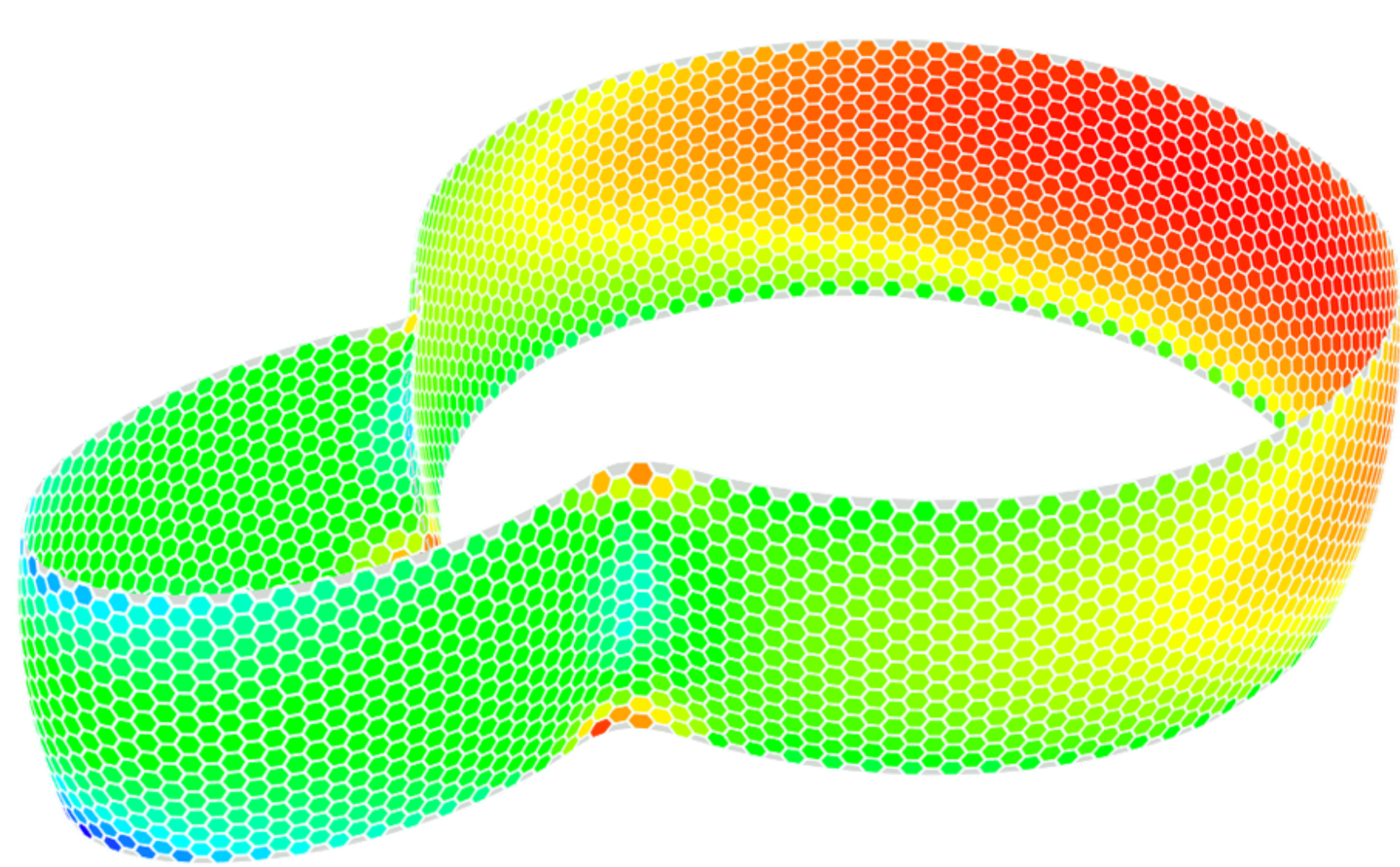


Discrete uniformization of doubly
connected regions

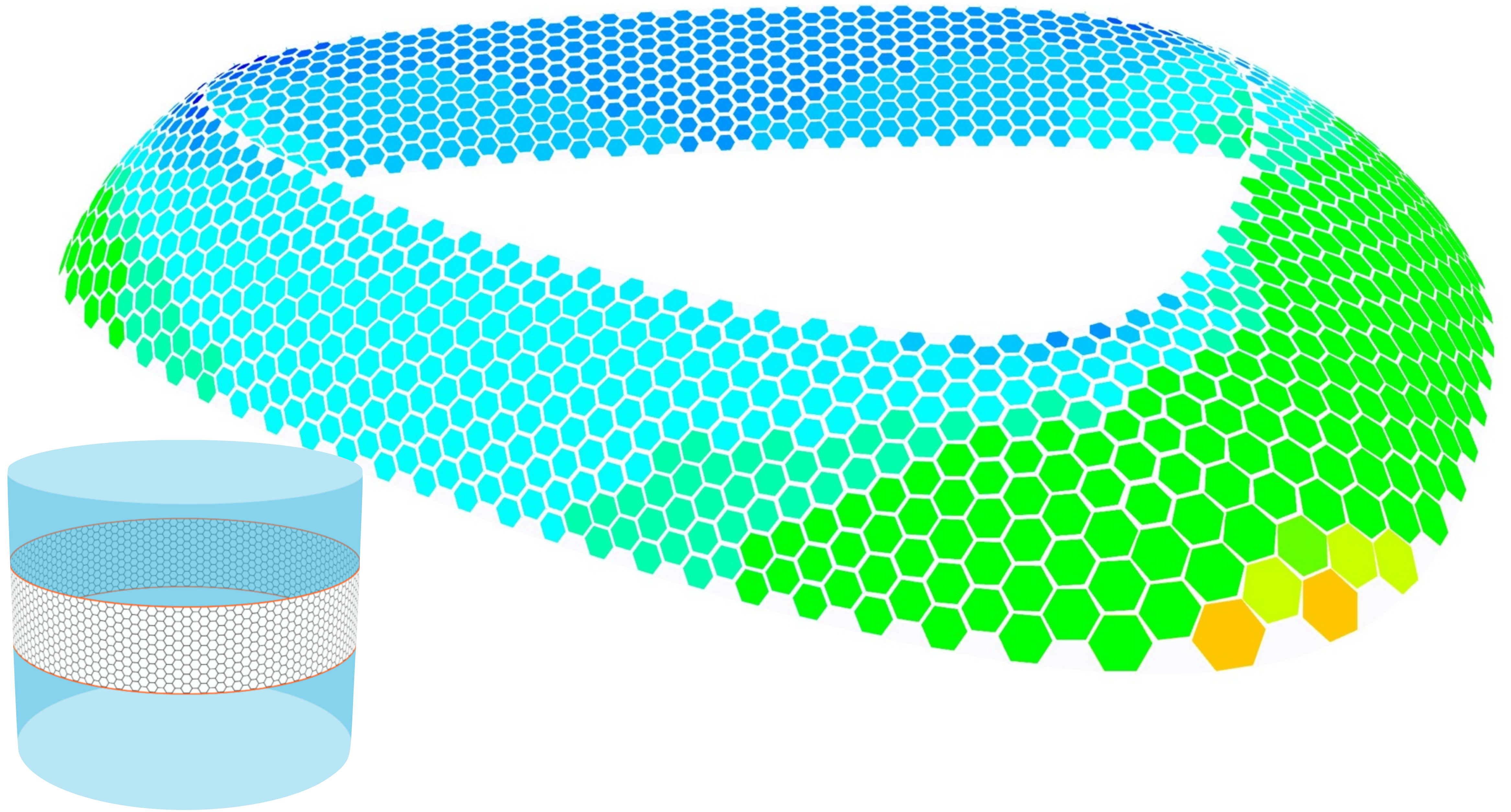


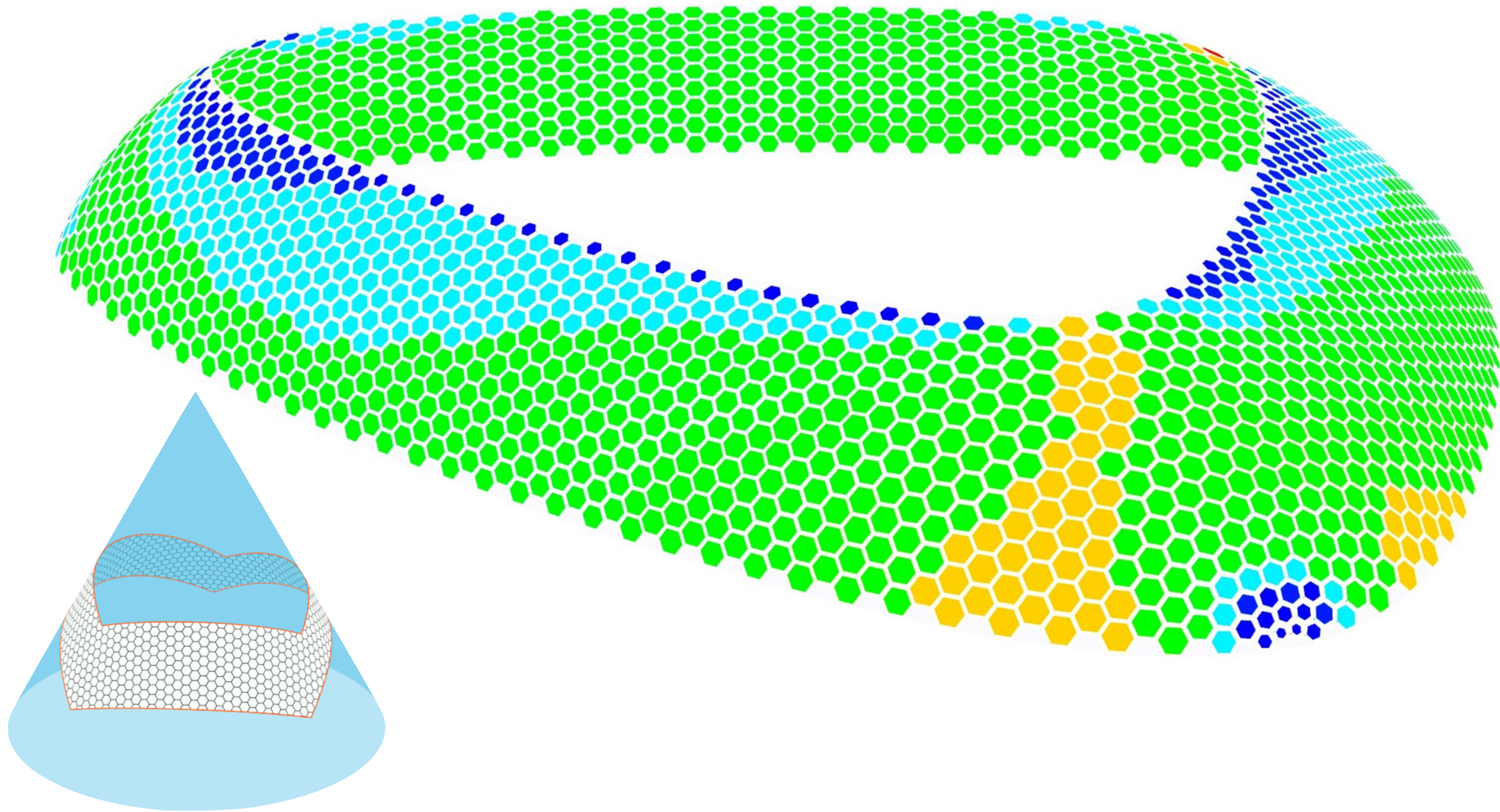


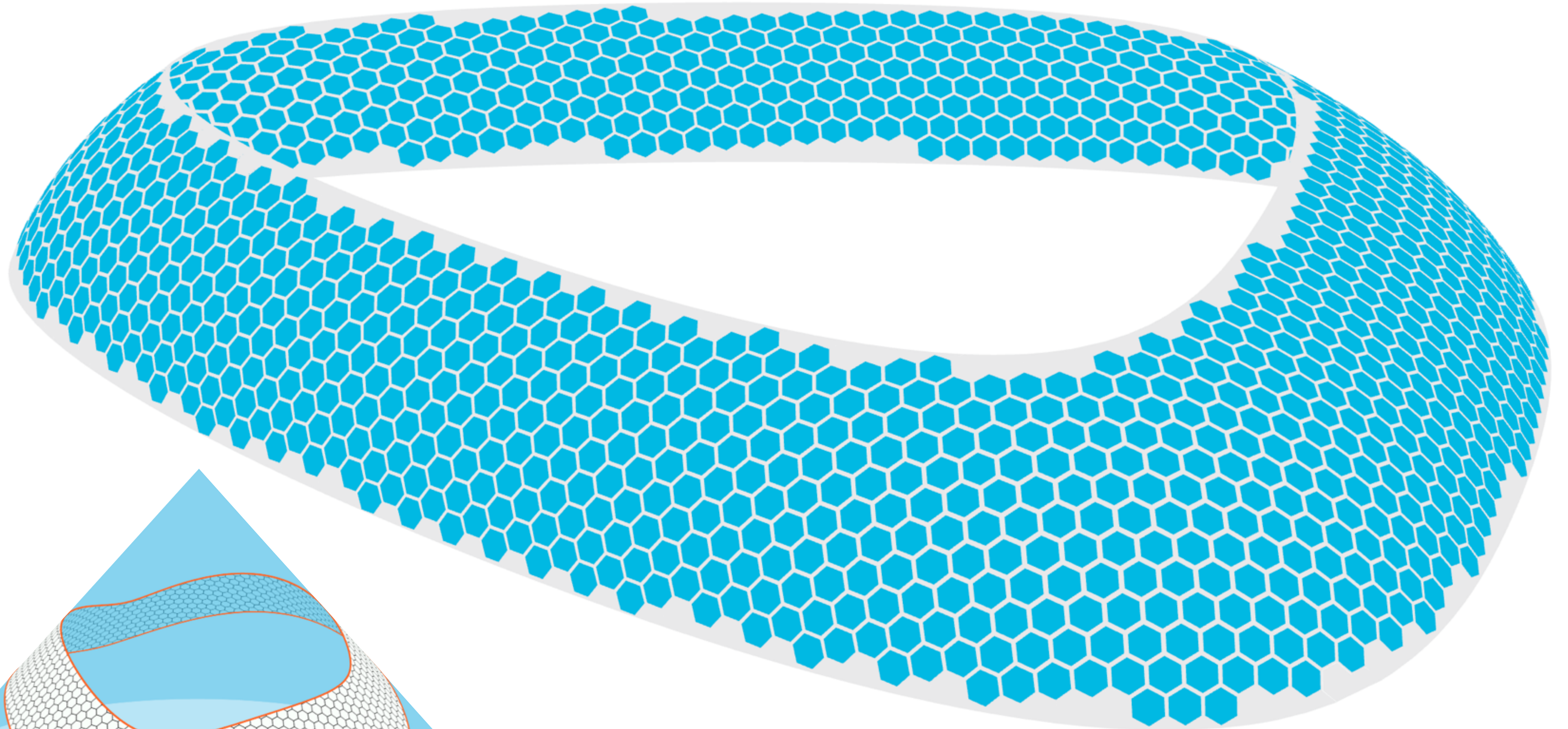
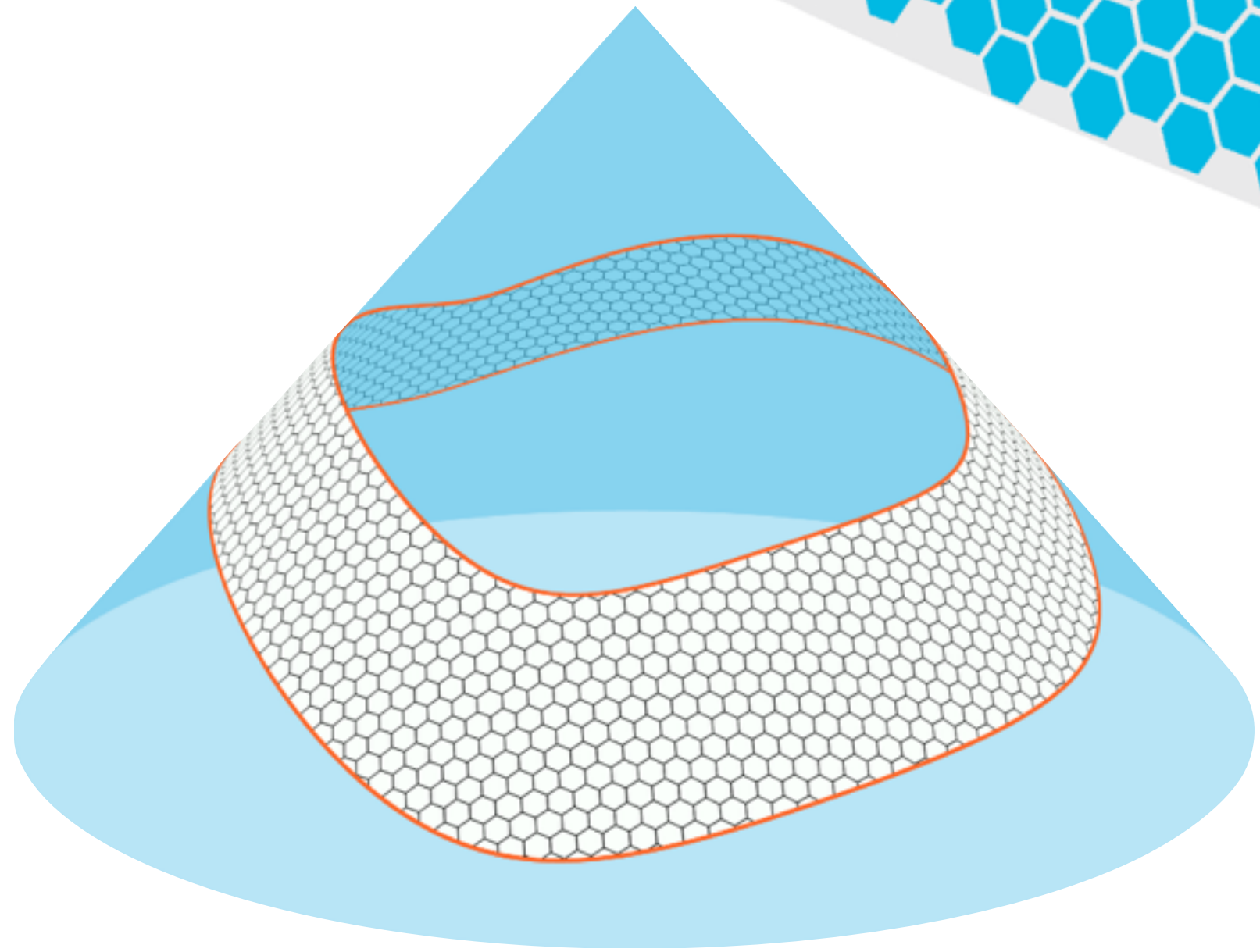




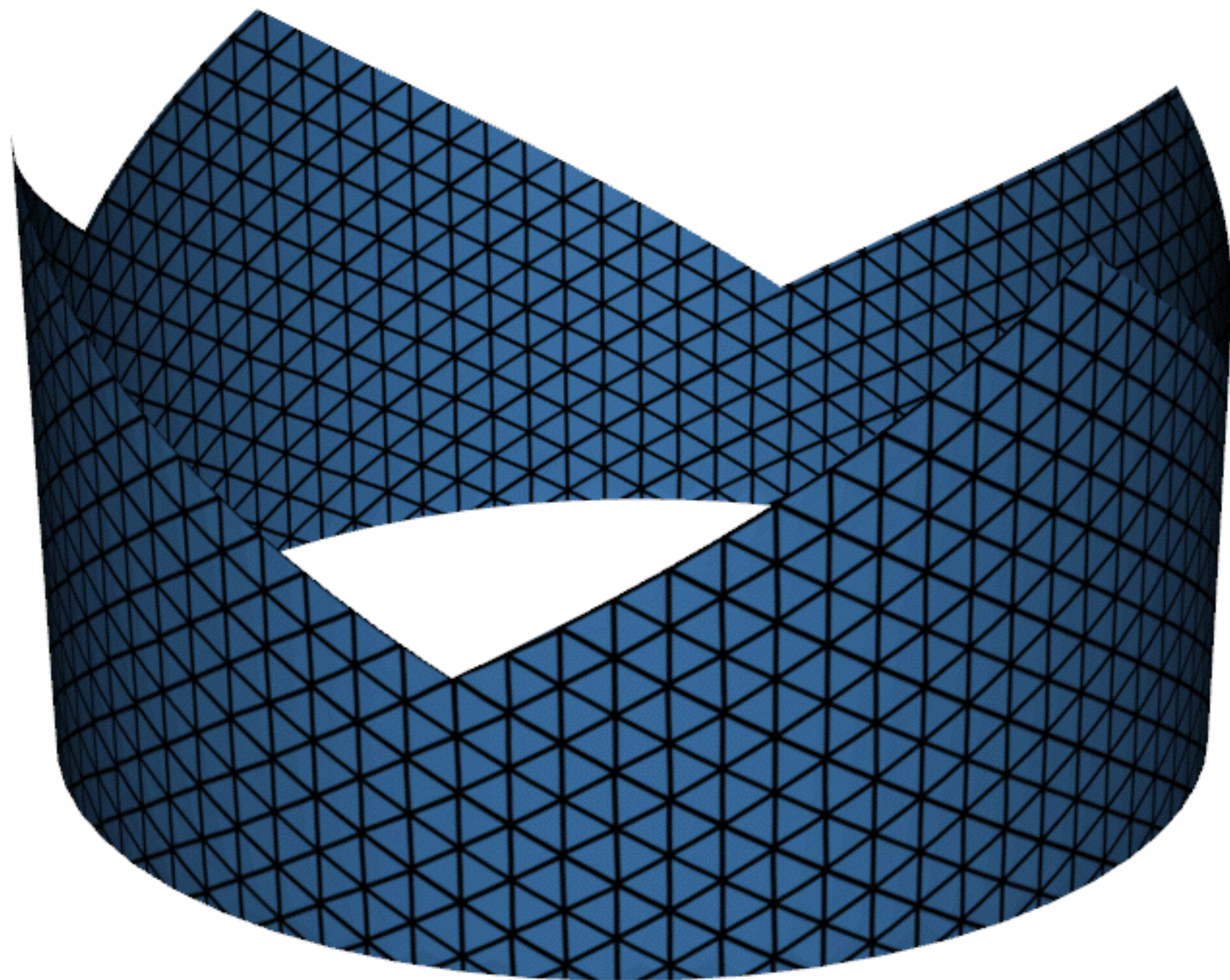
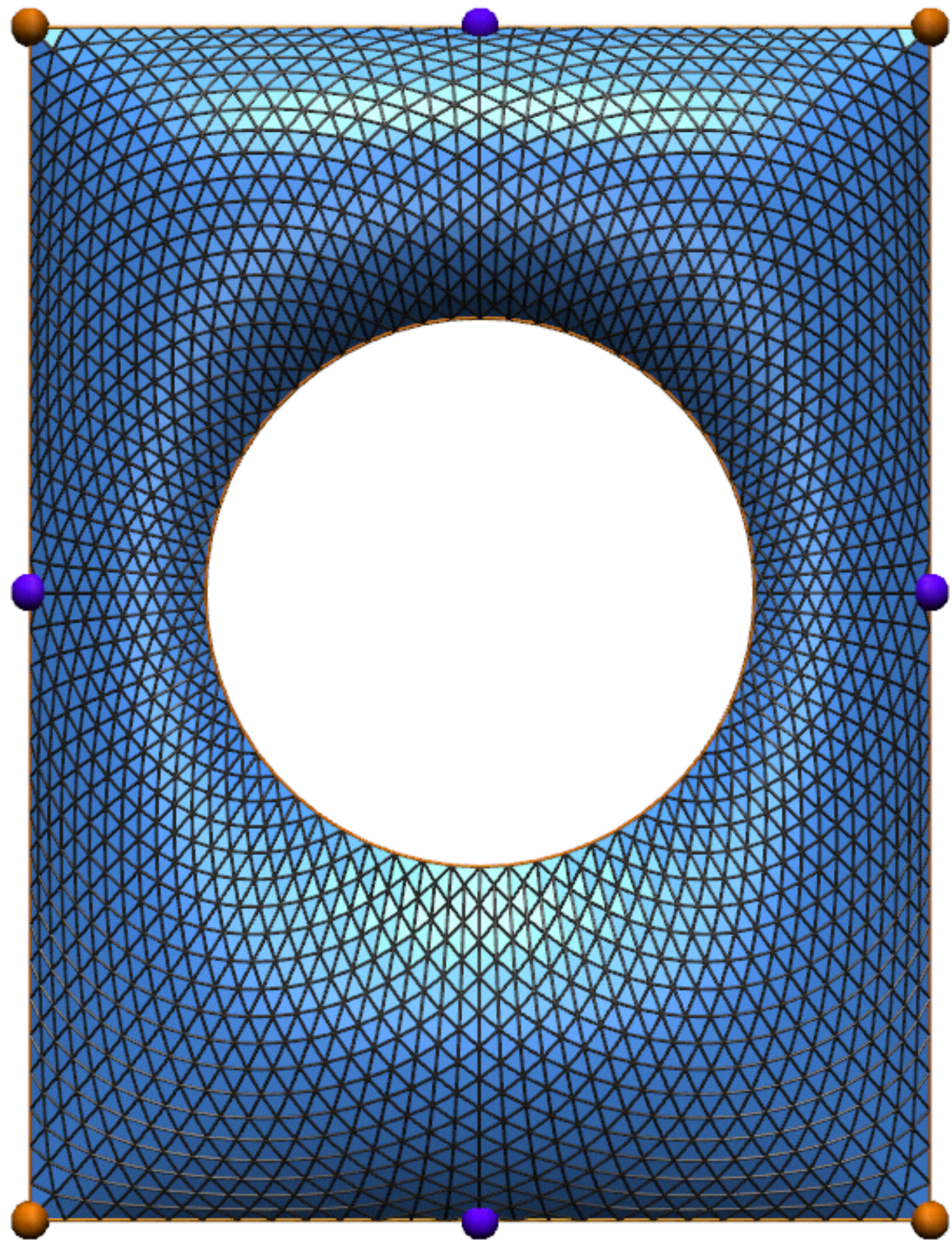
Quantization of panel sizes





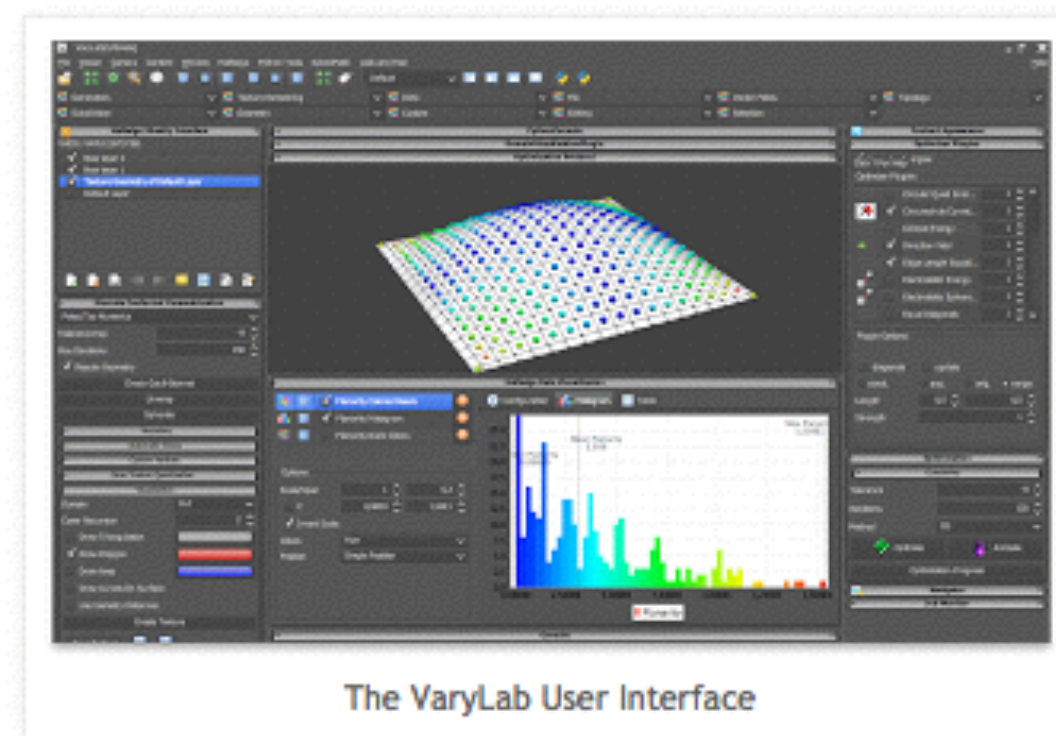






Home

VaryLab is a software developed at Berlin Institute of Technology by members of the geometry group. It is supported by DFG SFB/TR 109 Discretization in Geometry and Dynamics. It is designed to be an extensible and modular tool for experiments with discrete surfaces in pure mathematics and applications in industrial geometry.



VaryLab can be started directly from this website. Please log in via a Google user account to enter the user and community area:

<http://my.varylab.com>

Mesh Optimization

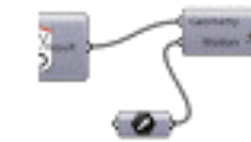
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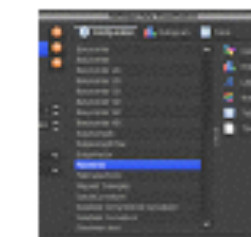


News



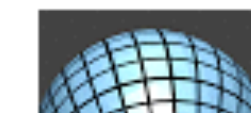
VaryLab Grasshopper Components

We started to implement a set of Grasshopper components to connect the VaryLab main program to the Rhino world. This is different to the pri...

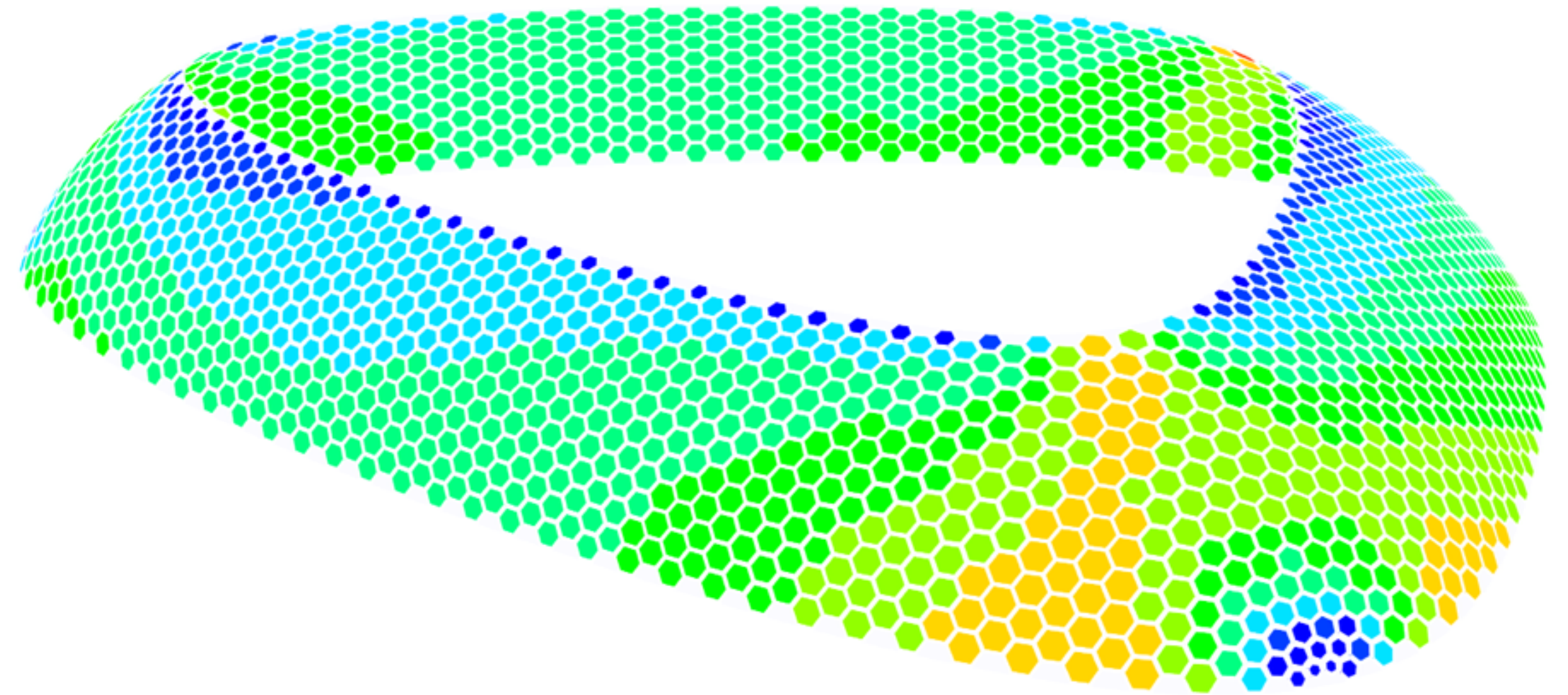
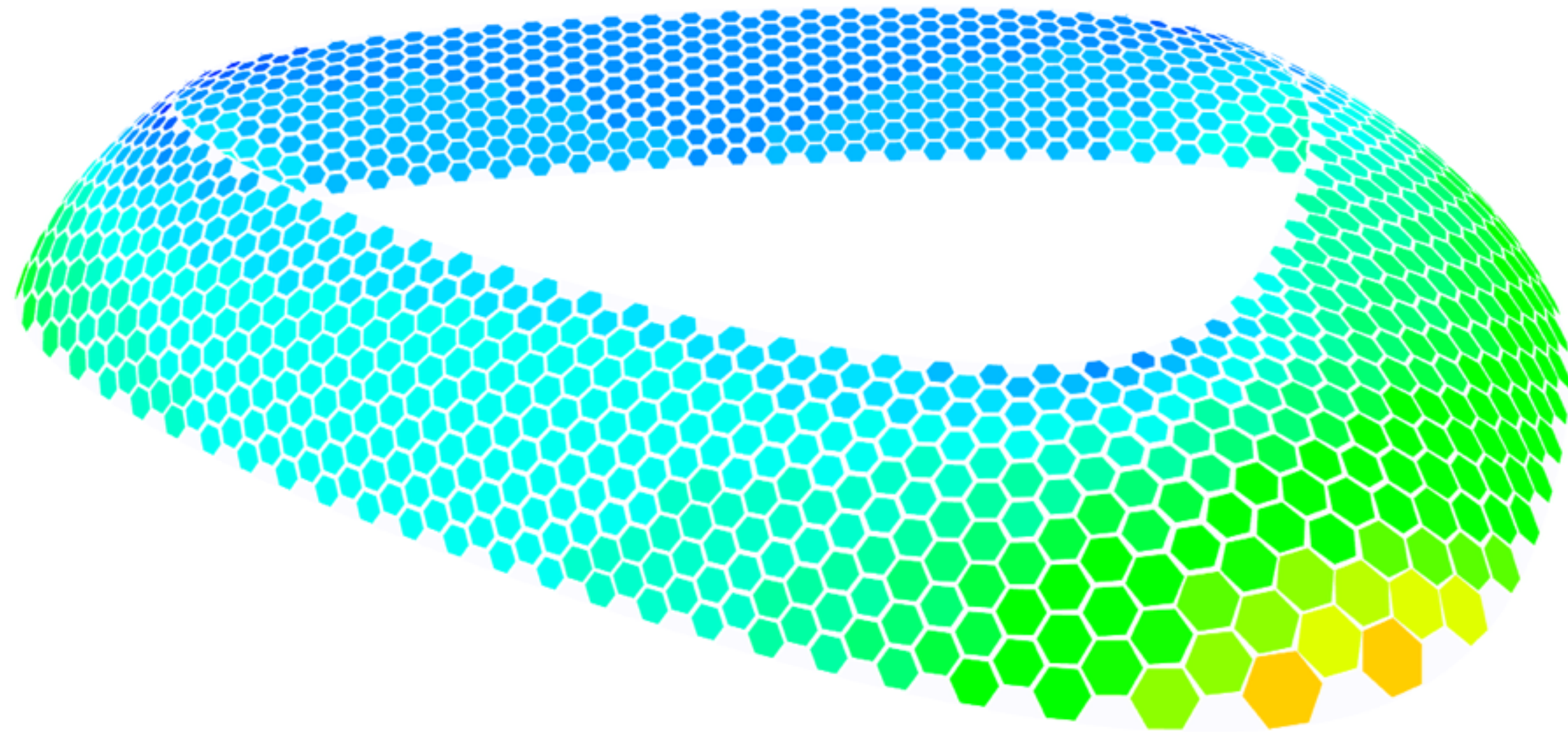
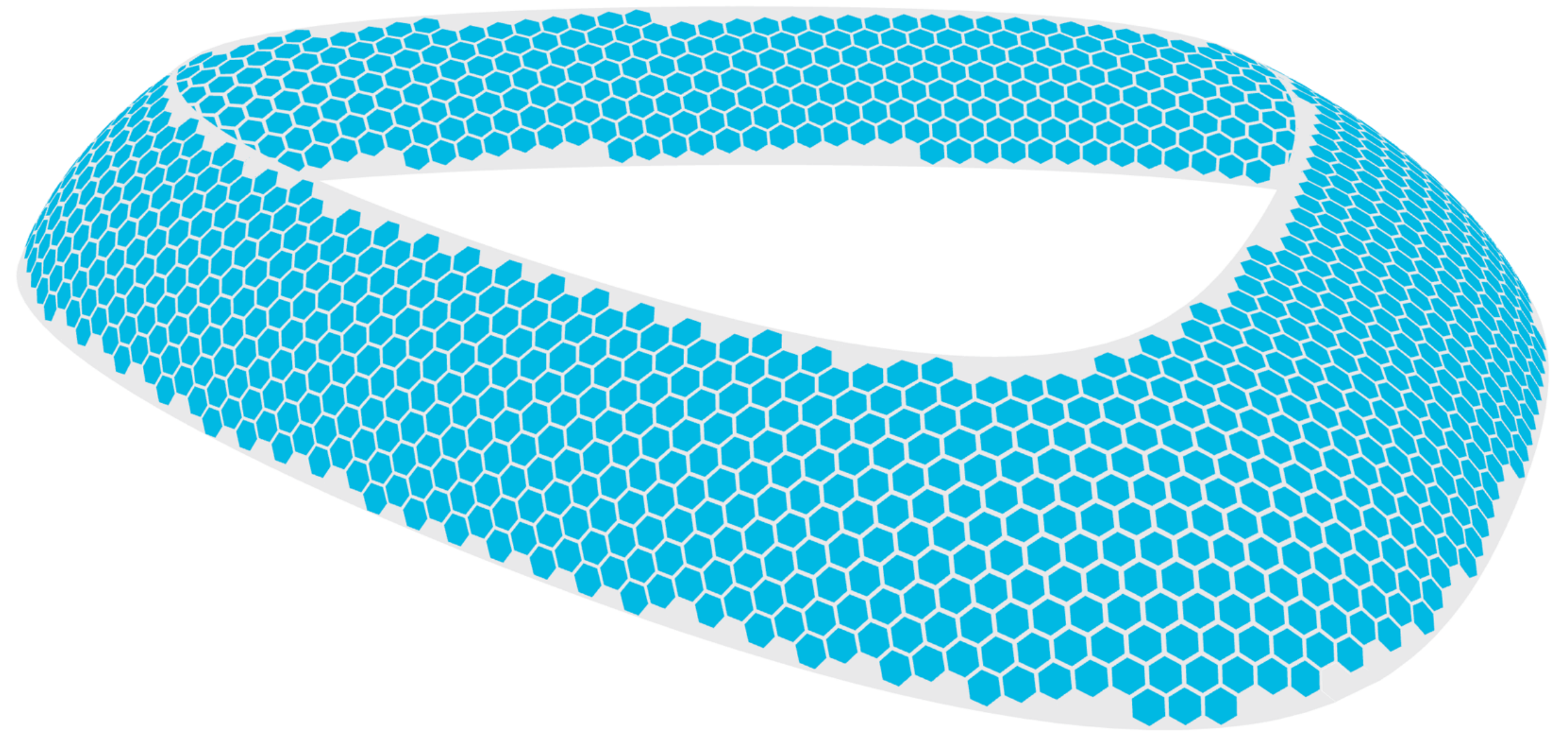
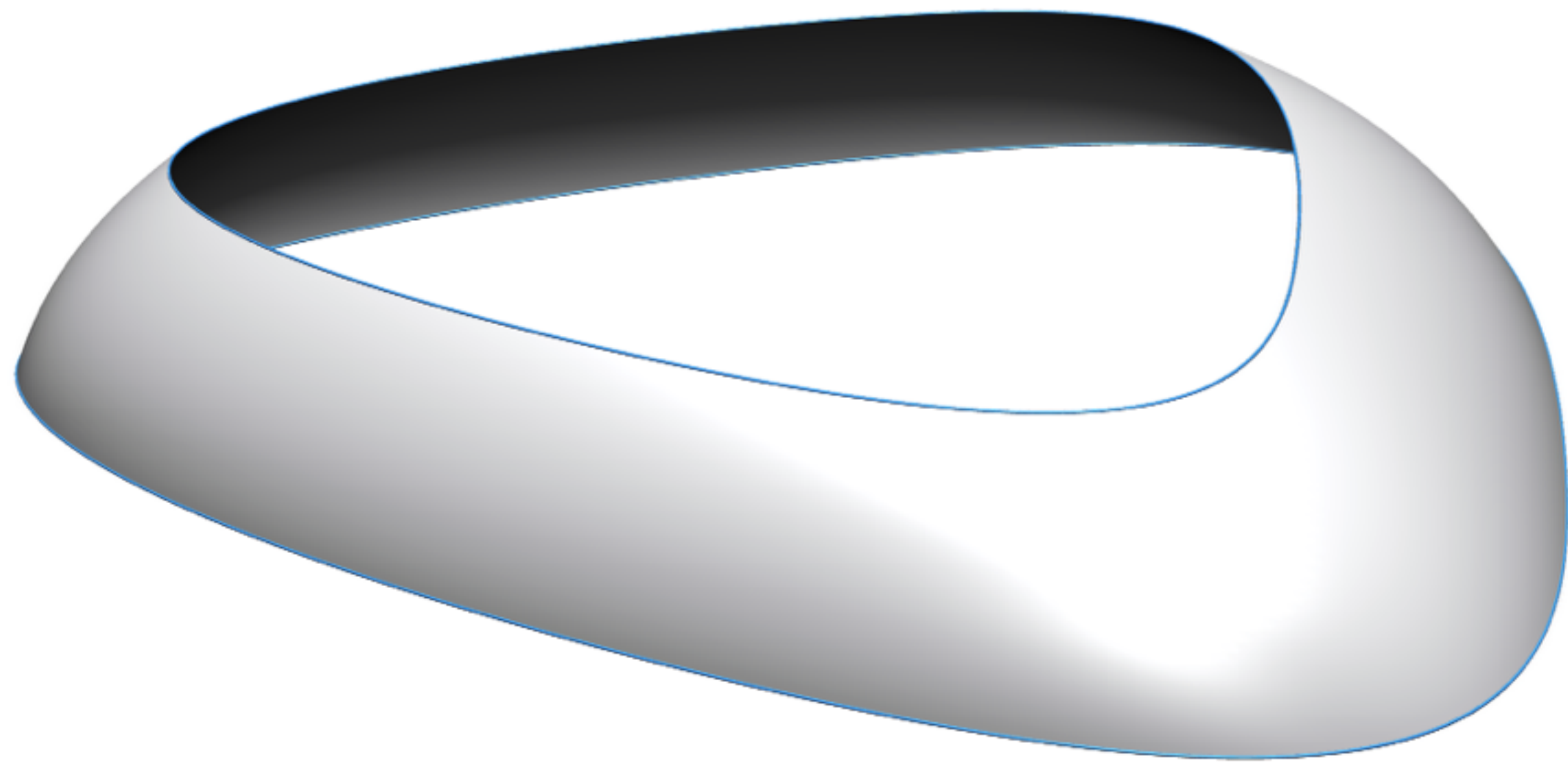


VaryLab Data Visualization

Data visualization is one of most important tasks when doing surface optimization. On the basis of the analysis of data on the surface we de...



Discrete Surface Parameterization



Periodic conformal maps

Stefan Sechelmann, Thilo Rörig