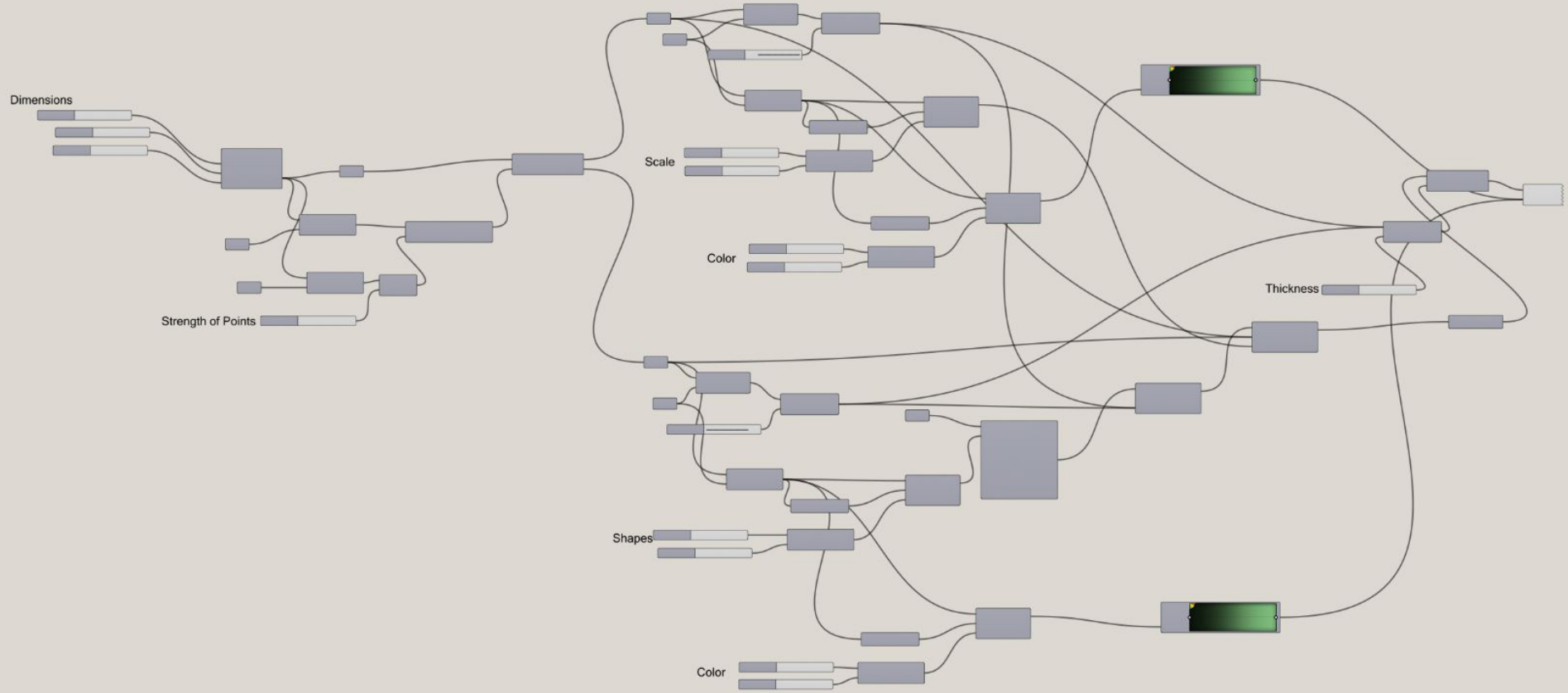
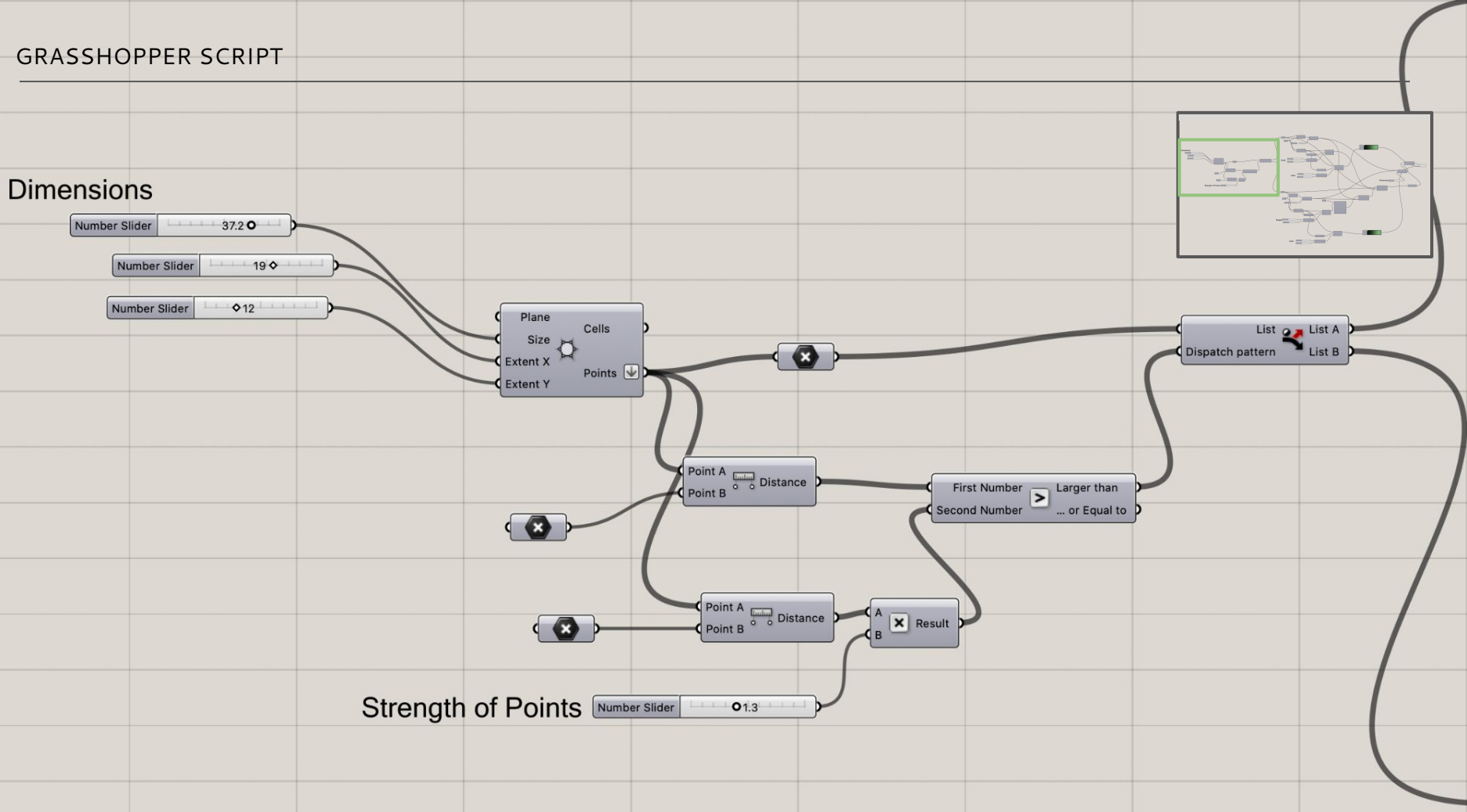
2D PATTERNING

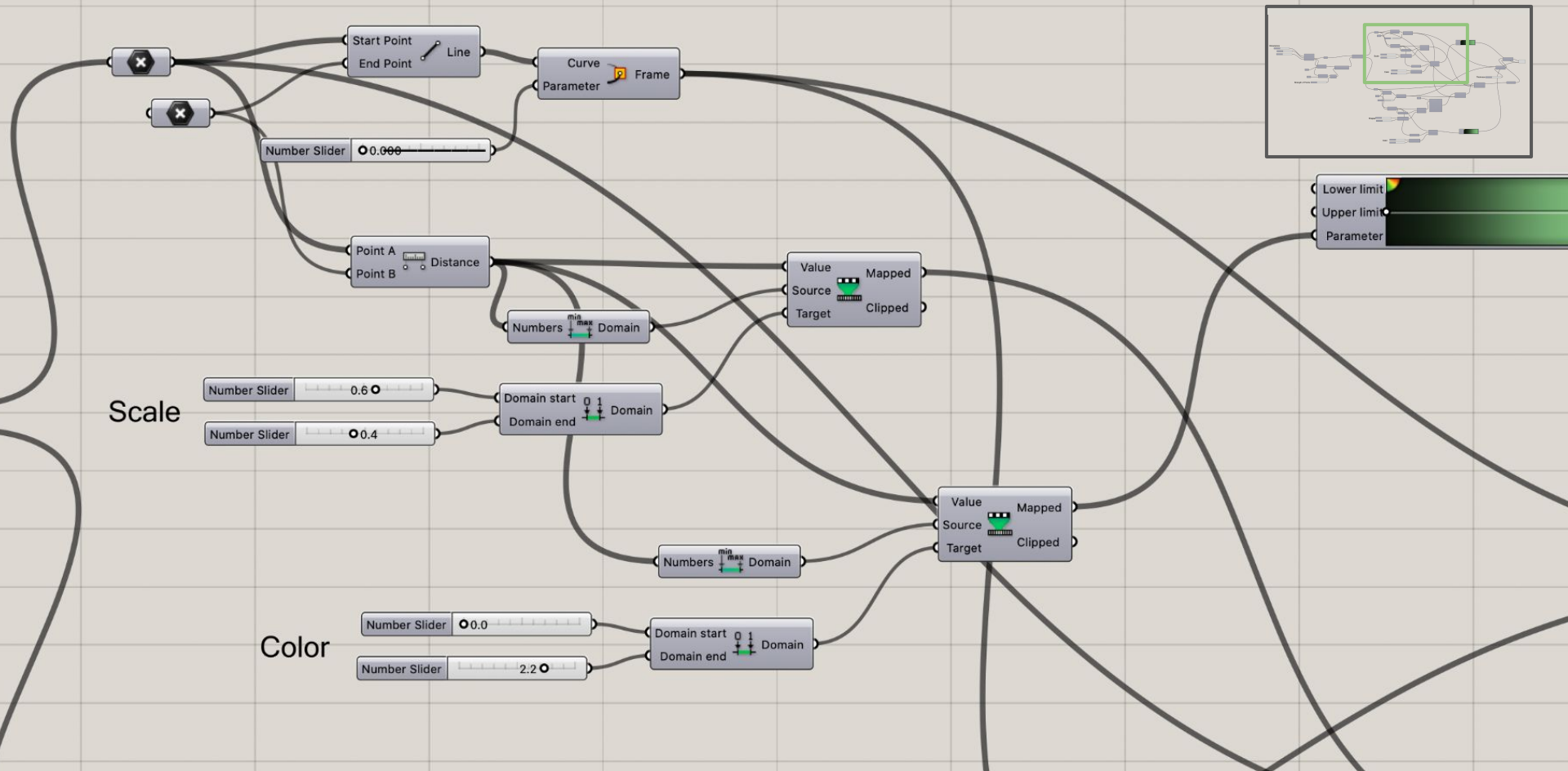
JOANNE WU
INT-731 PARAMETRICS
PROF. BENJAMIN HOWES

GRASSHOPPER SCRIPT

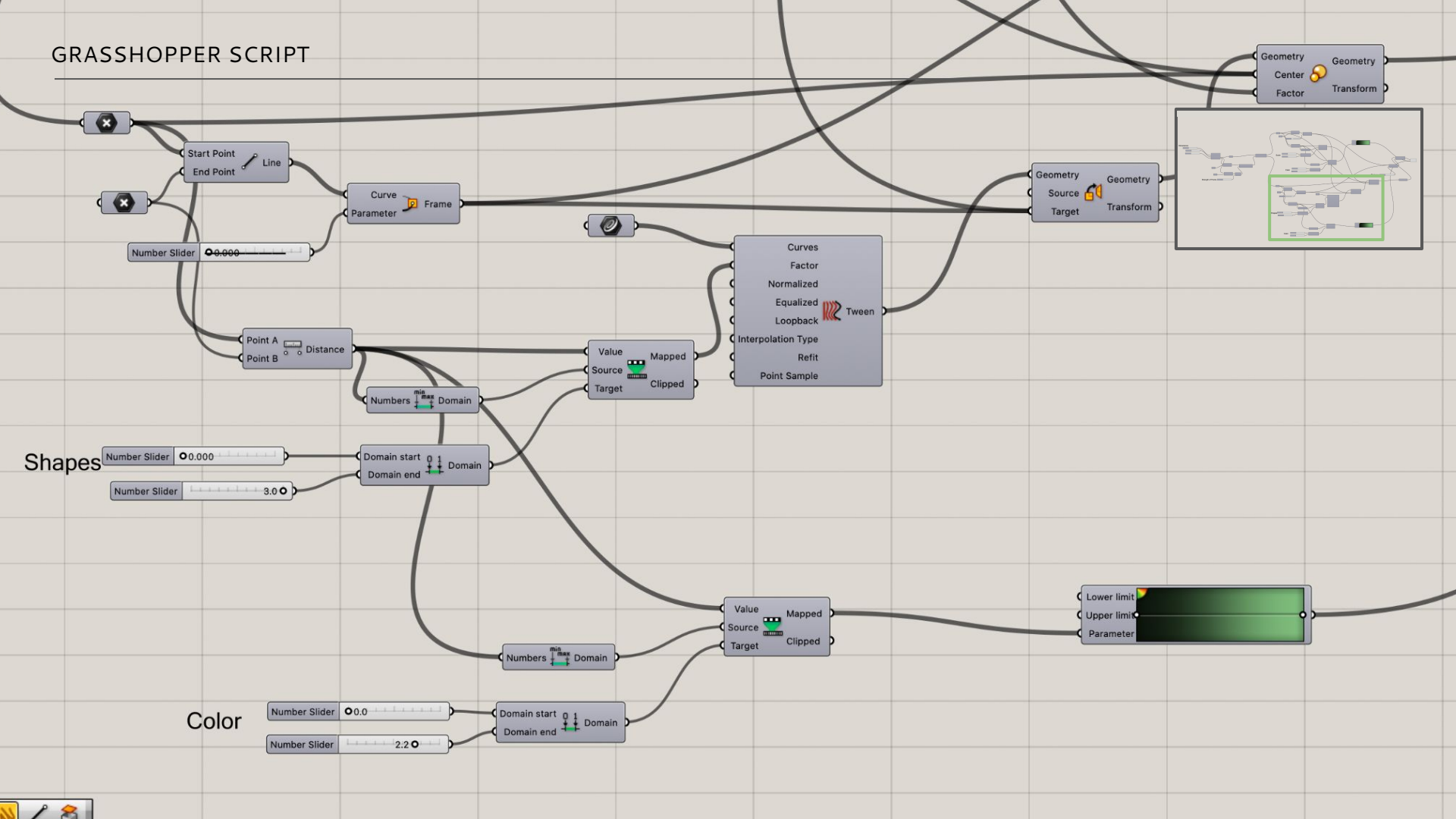



Dimensions
Number Slider
37.2
Number Slider
19
Number Slider
12
Plane
Size
Extent X
Extent Y
Cells
Points
Point A
Point B
Distance
First Number
Second Number
Larger than
... or Equal to
List
Dispatch pattern
List A
List B
A
B
Result
Strength of Points
Number Slider
1.3

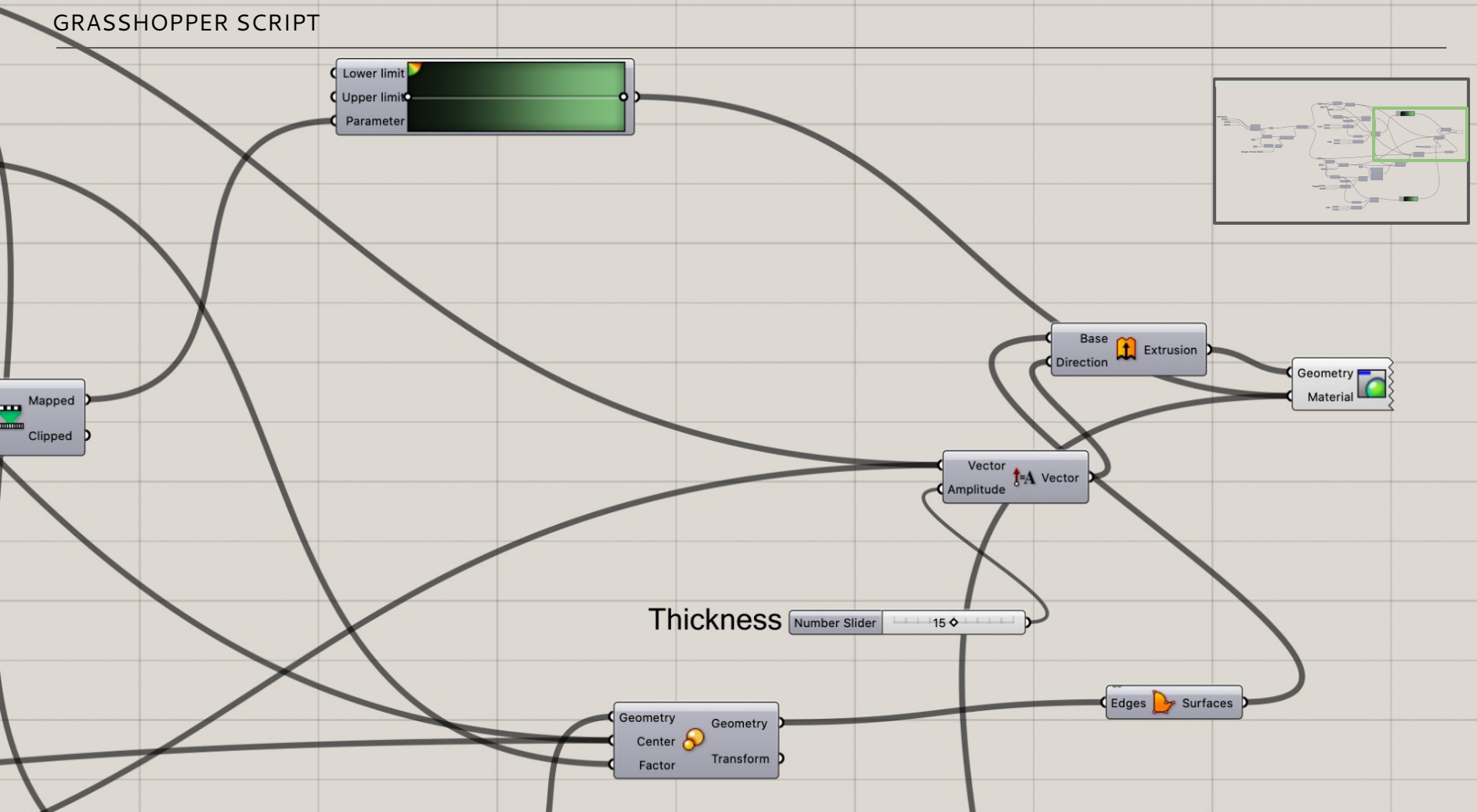
GRASSHOPPER SCRIPT



GRASSHOPPER SCRIPT

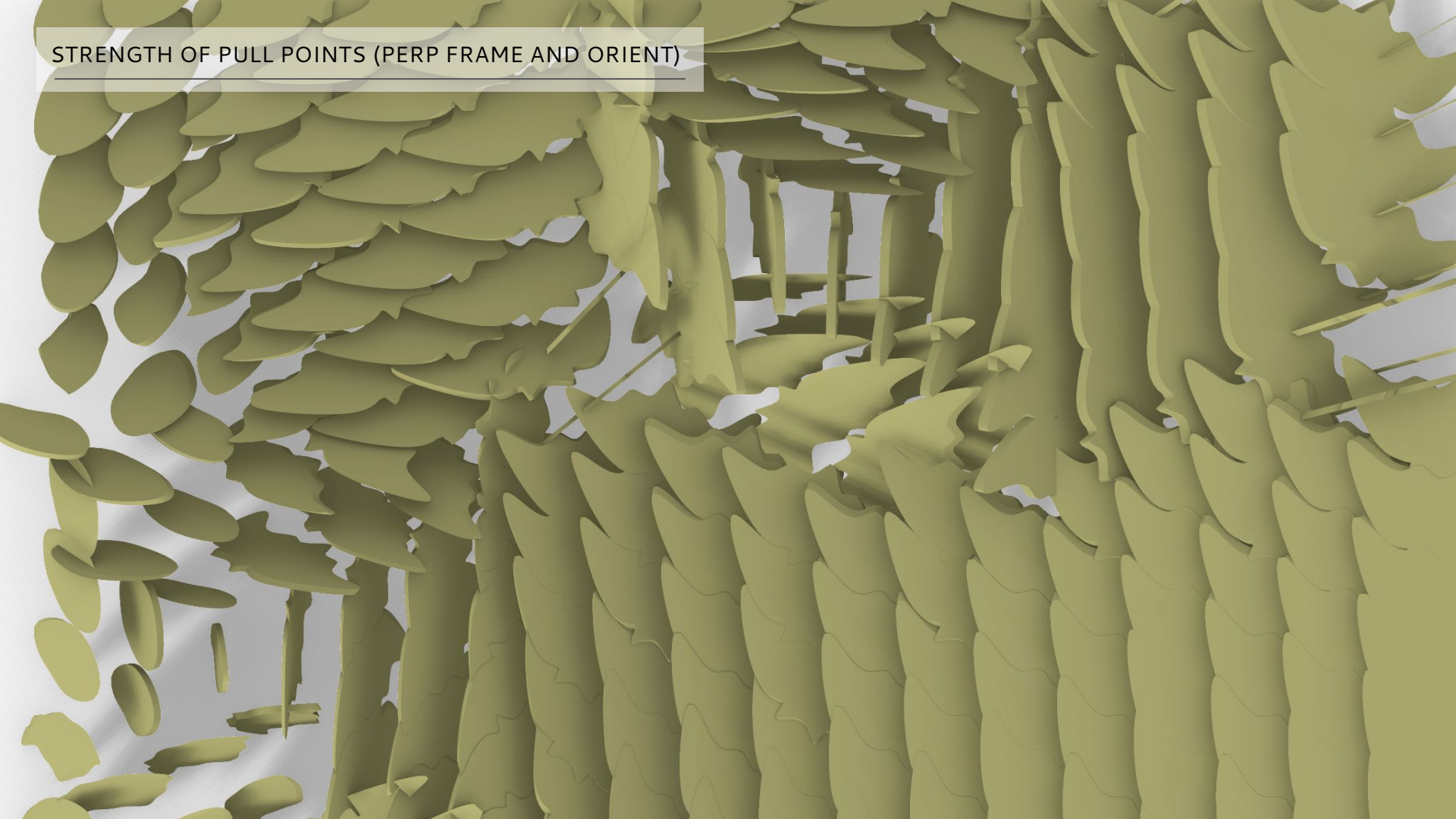


GRASSHOPPER SCRIPT

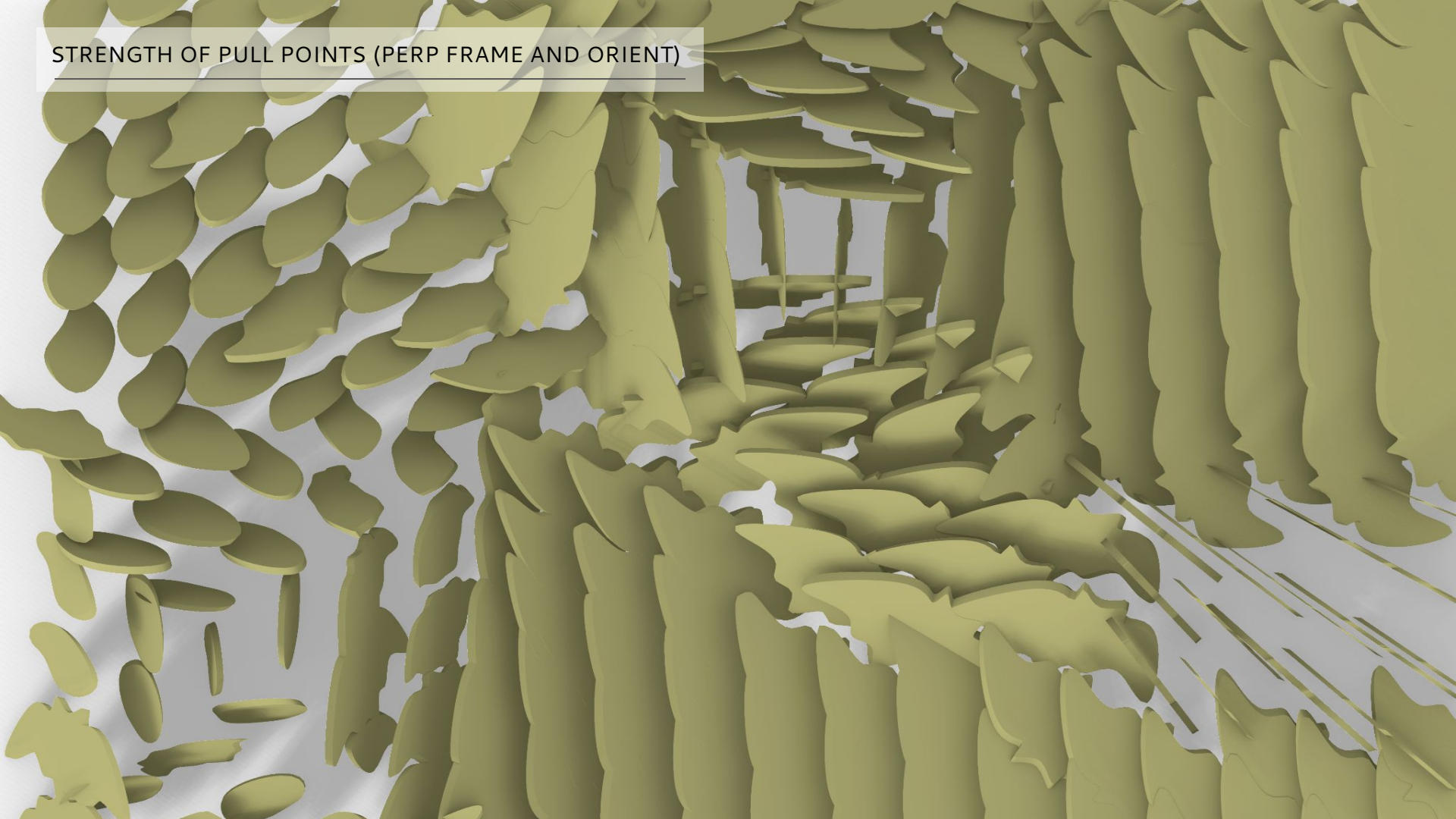


STRENGTH OF PULL POINTS

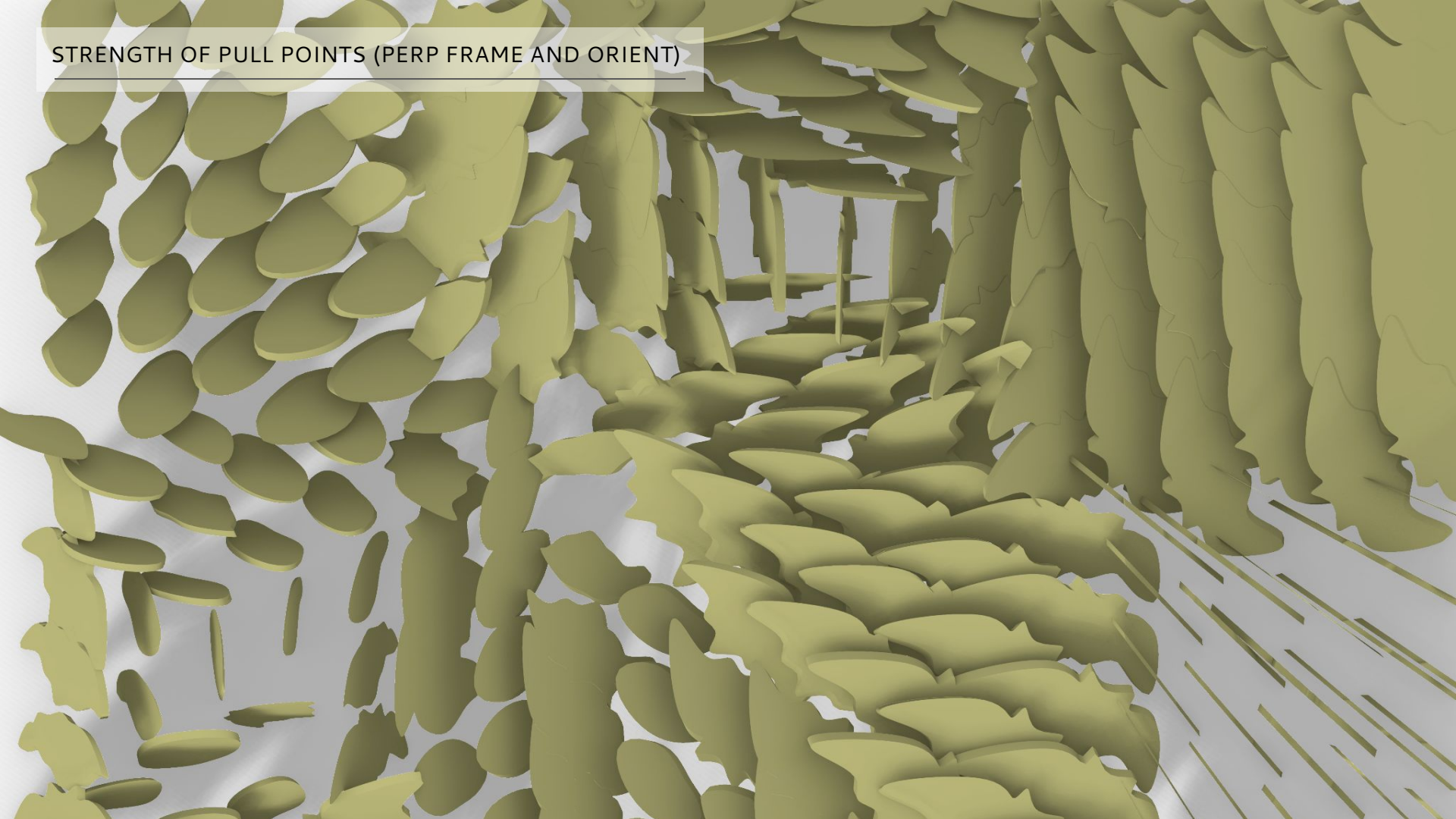
STRENGTH OF PULL POINTS (PERP FRAME AND ORIENT)



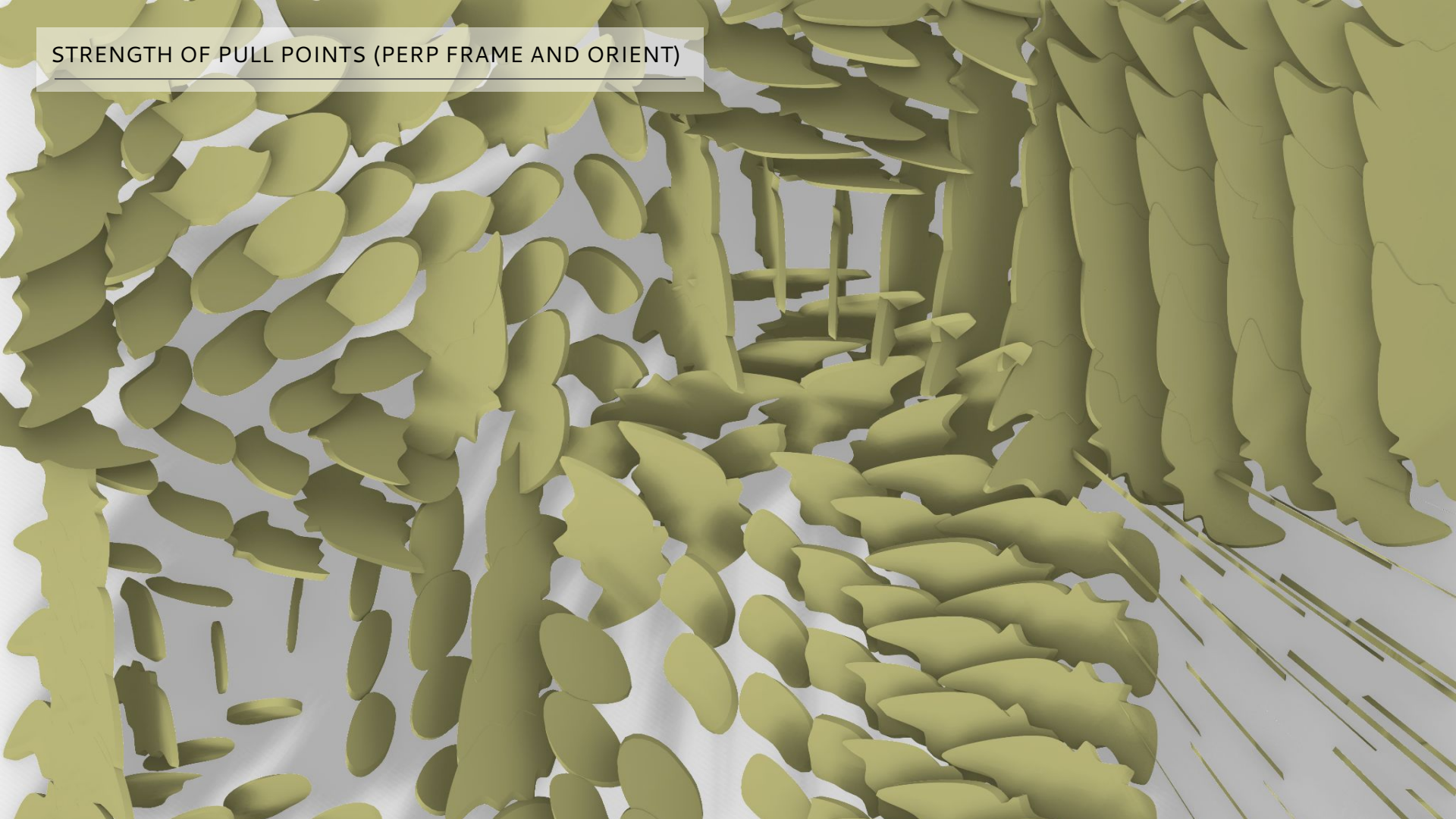
STRENGTH OF PULL POINTS (PERP FRAME AND ORIENT)



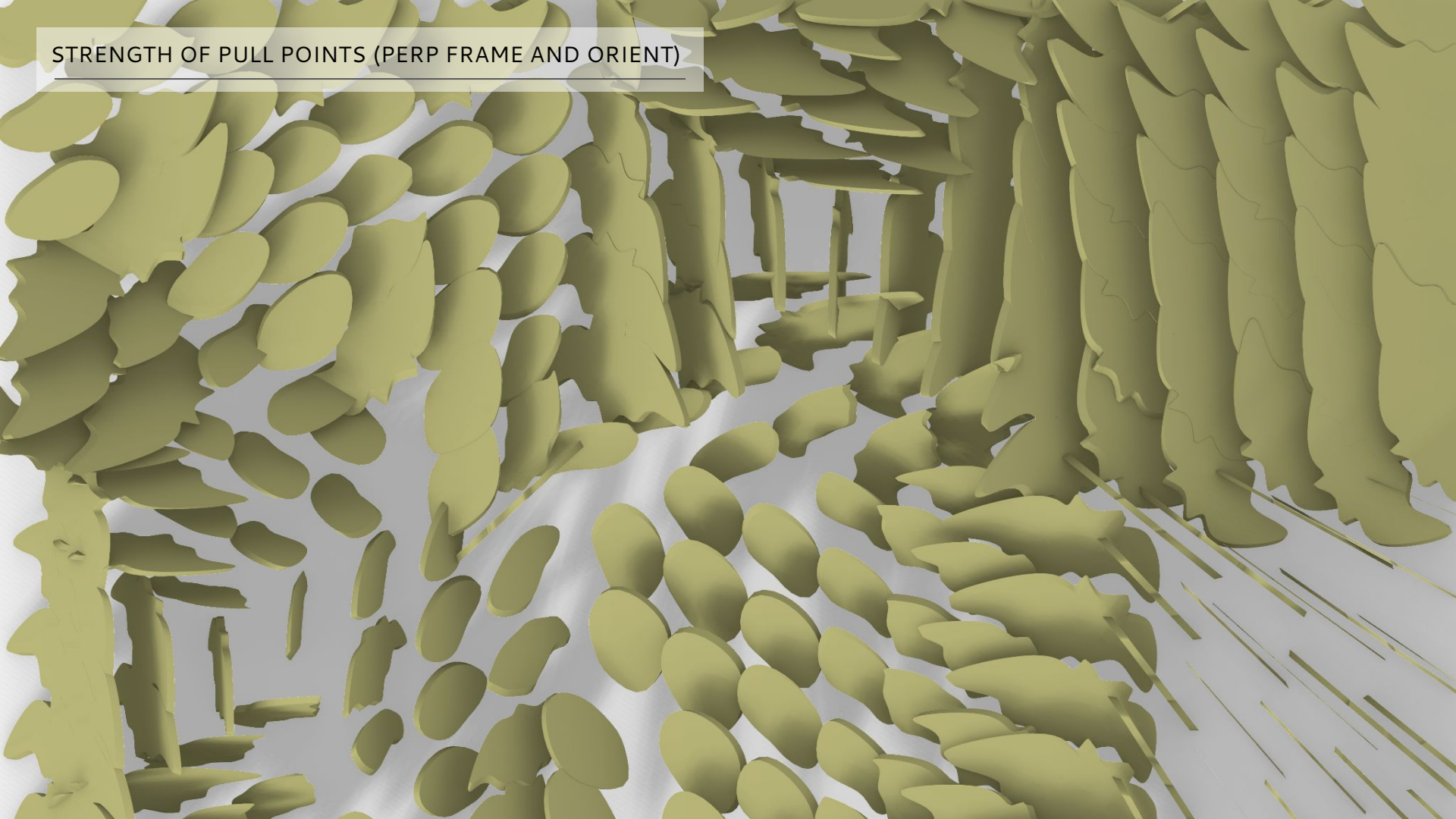
STRENGTH OF PULL POINTS (PERP FRAME AND ORIENT)



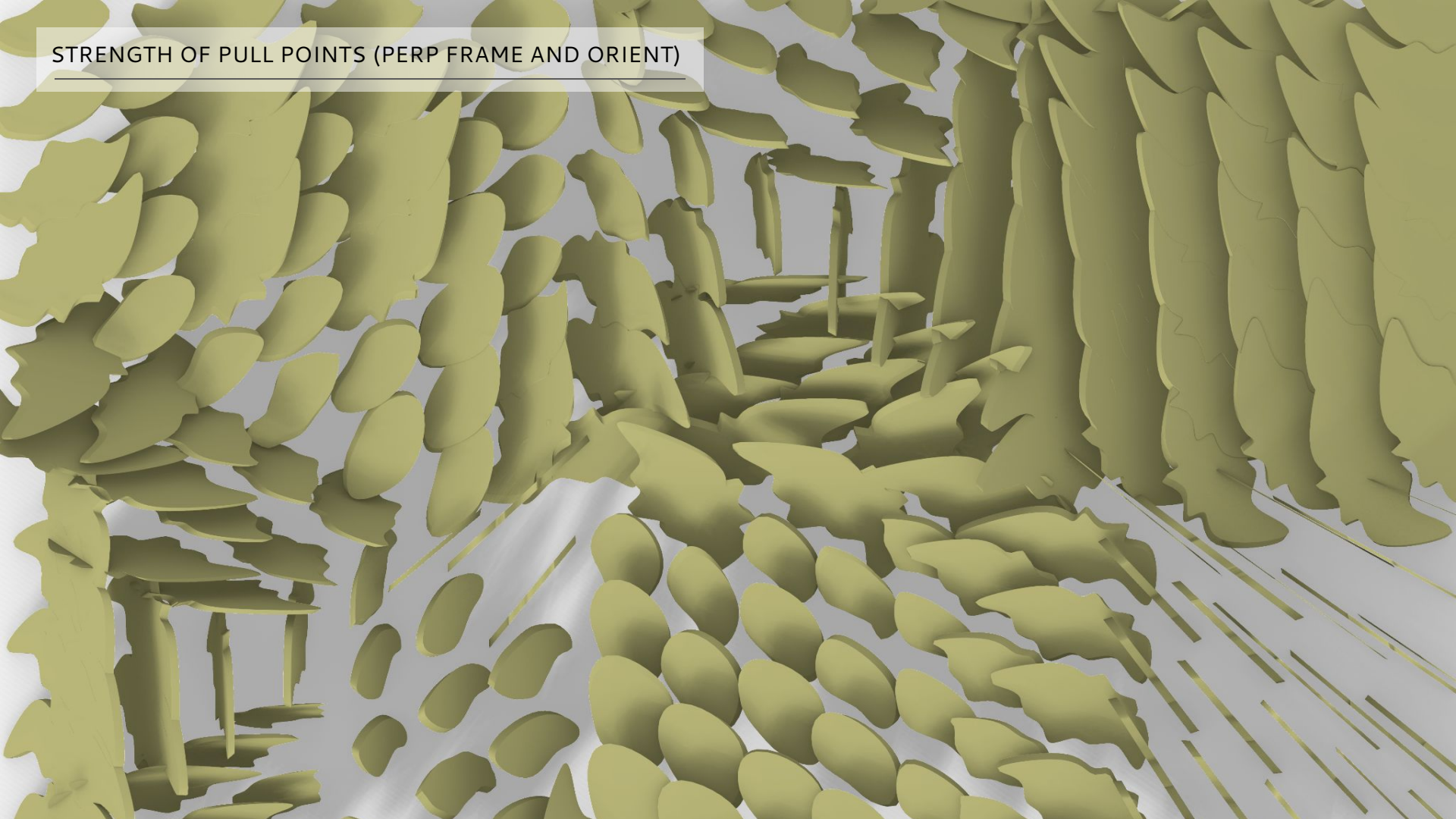
STRENGTH OF PULL POINTS (PERP FRAME AND ORIENT)



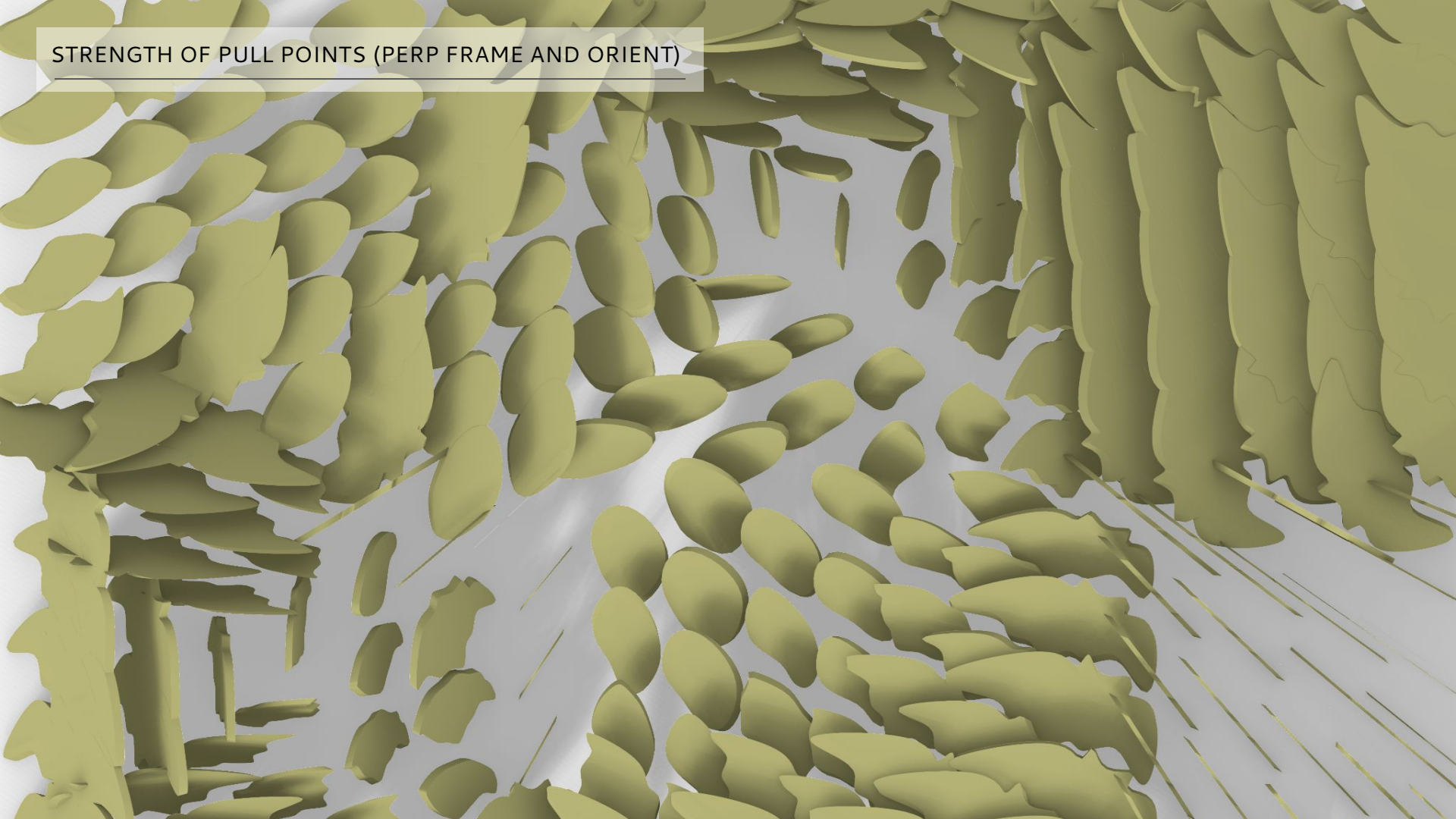
STRENGTH OF PULL POINTS (PERP FRAME AND ORIENT)



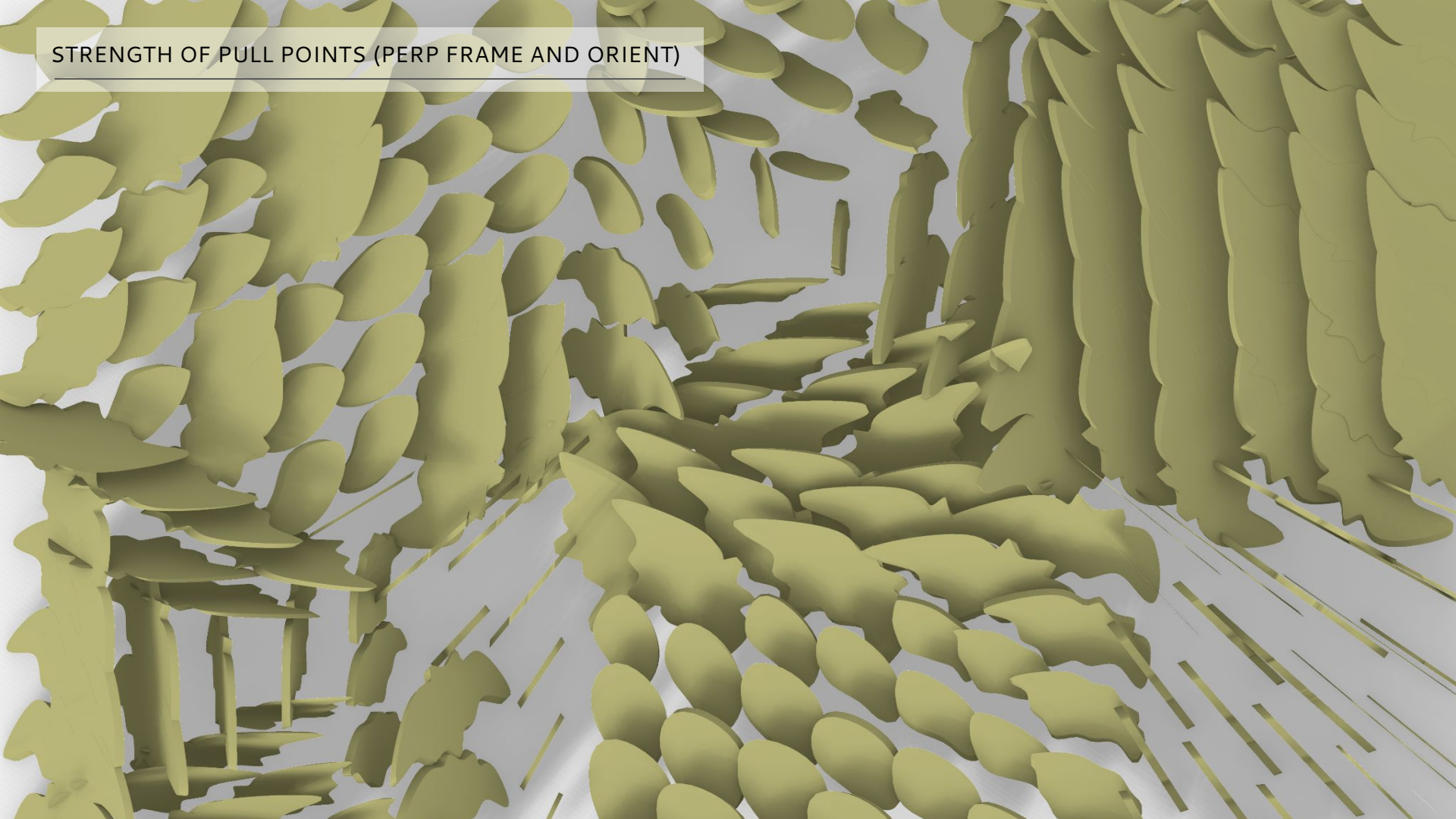
STRENGTH OF PULL POINTS (PERP FRAME AND ORIENT)



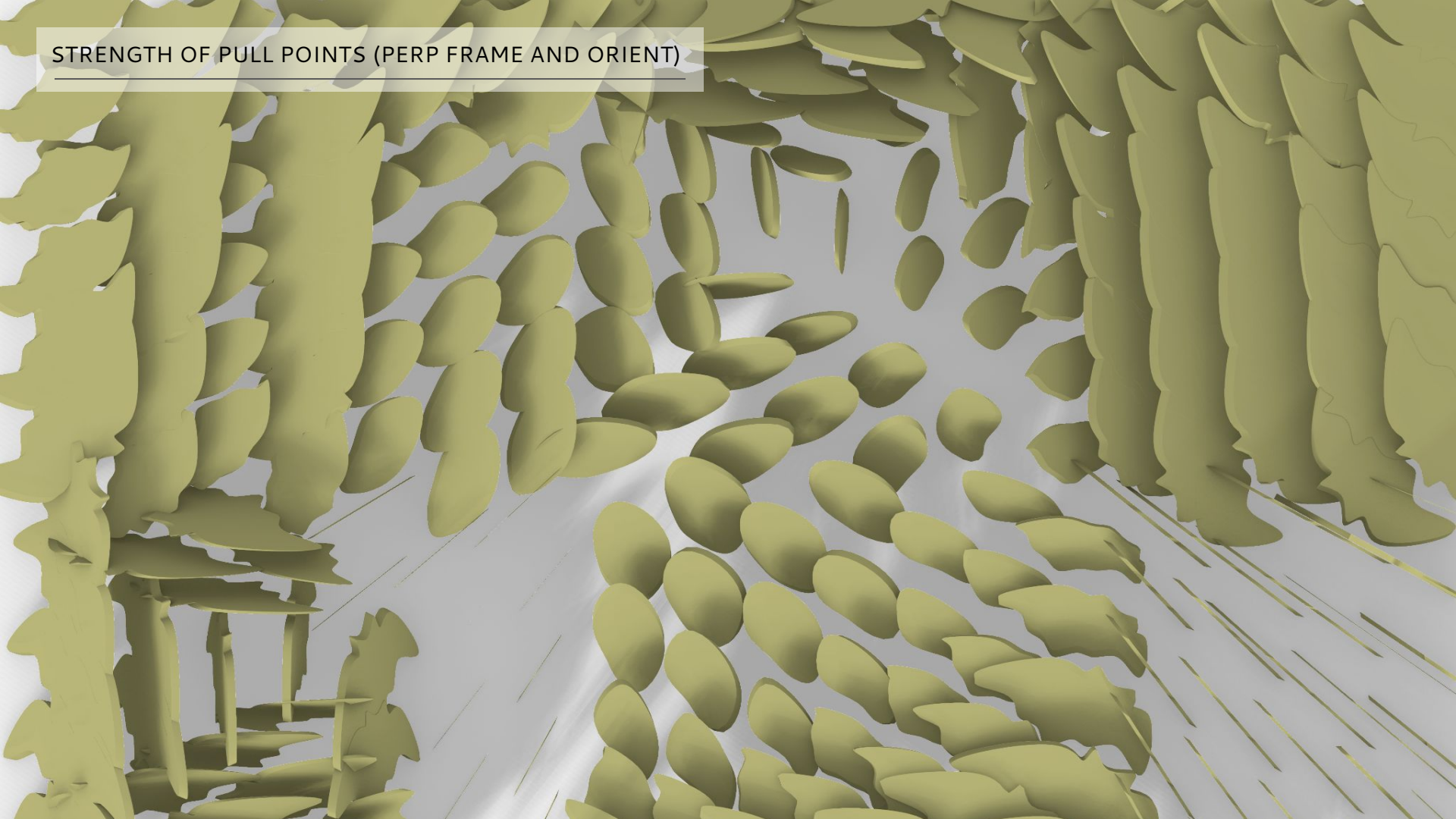
STRENGTH OF PULL POINTS (PERP FRAME AND ORIENT)



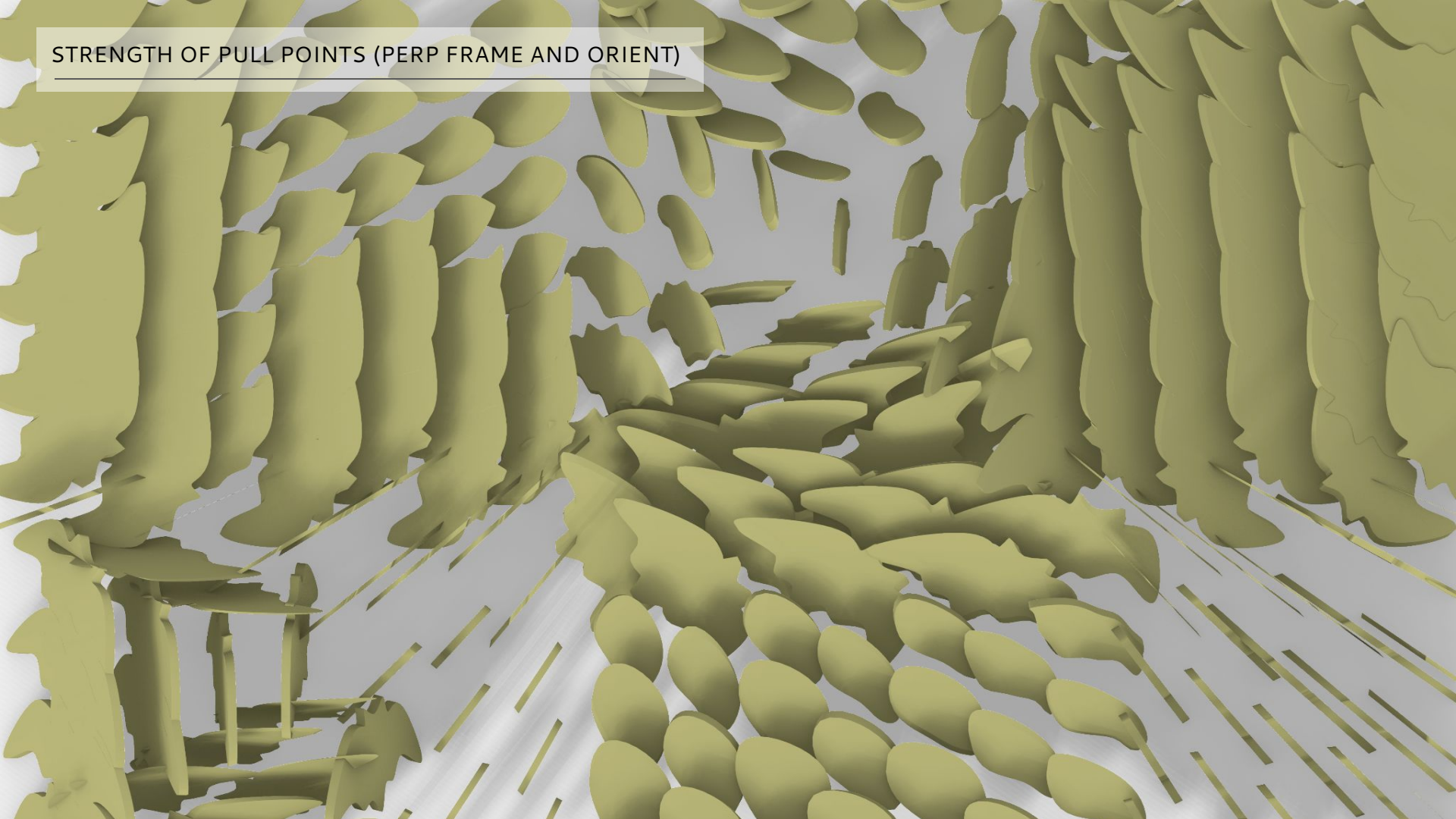
STRENGTH OF PULL POINTS (PERP FRAME AND ORIENT)



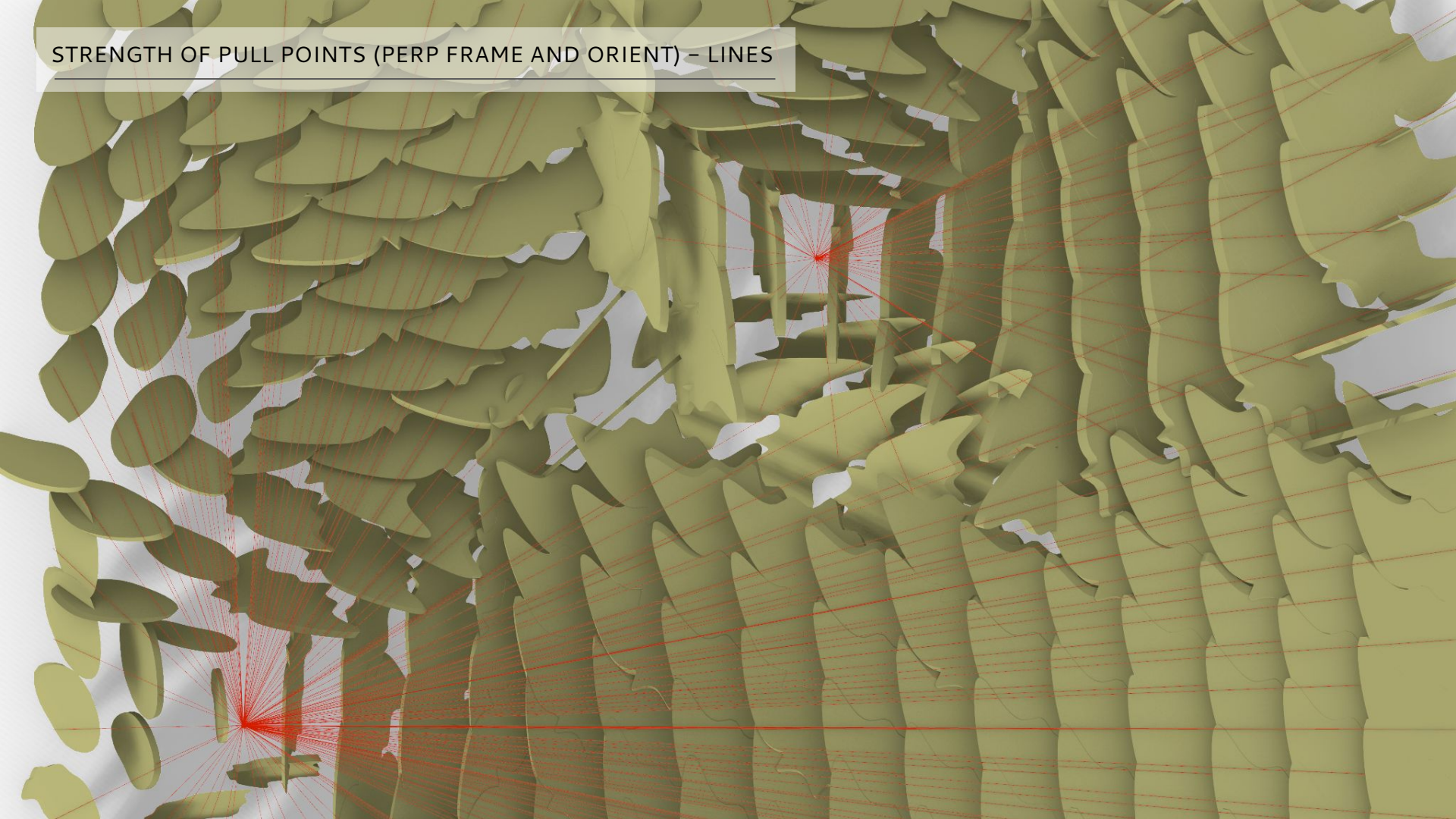
STRENGTH OF PULL POINTS (PERP FRAME AND ORIENT)



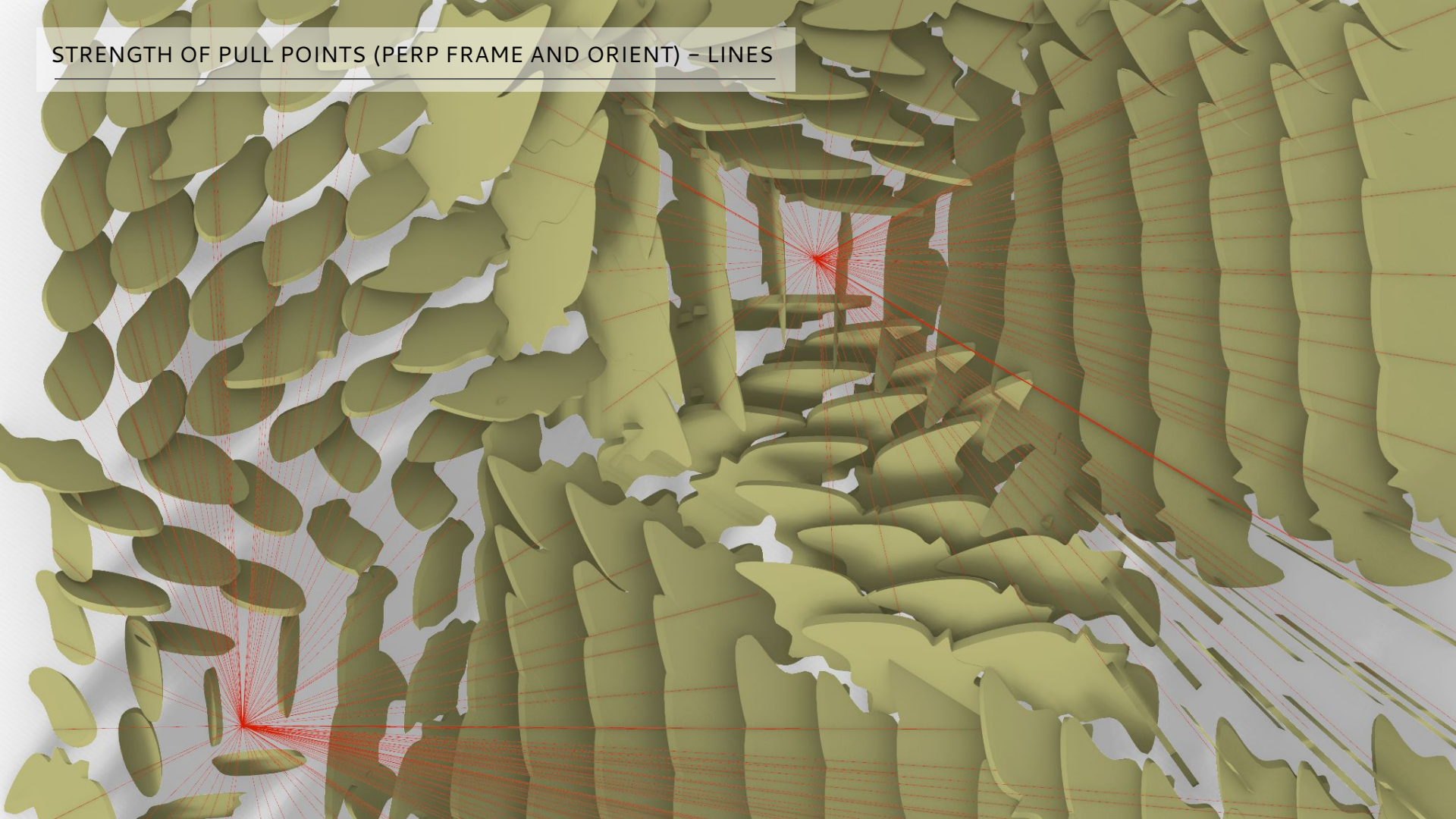
STRENGTH OF PULL POINTS (PERP FRAME AND ORIENT)



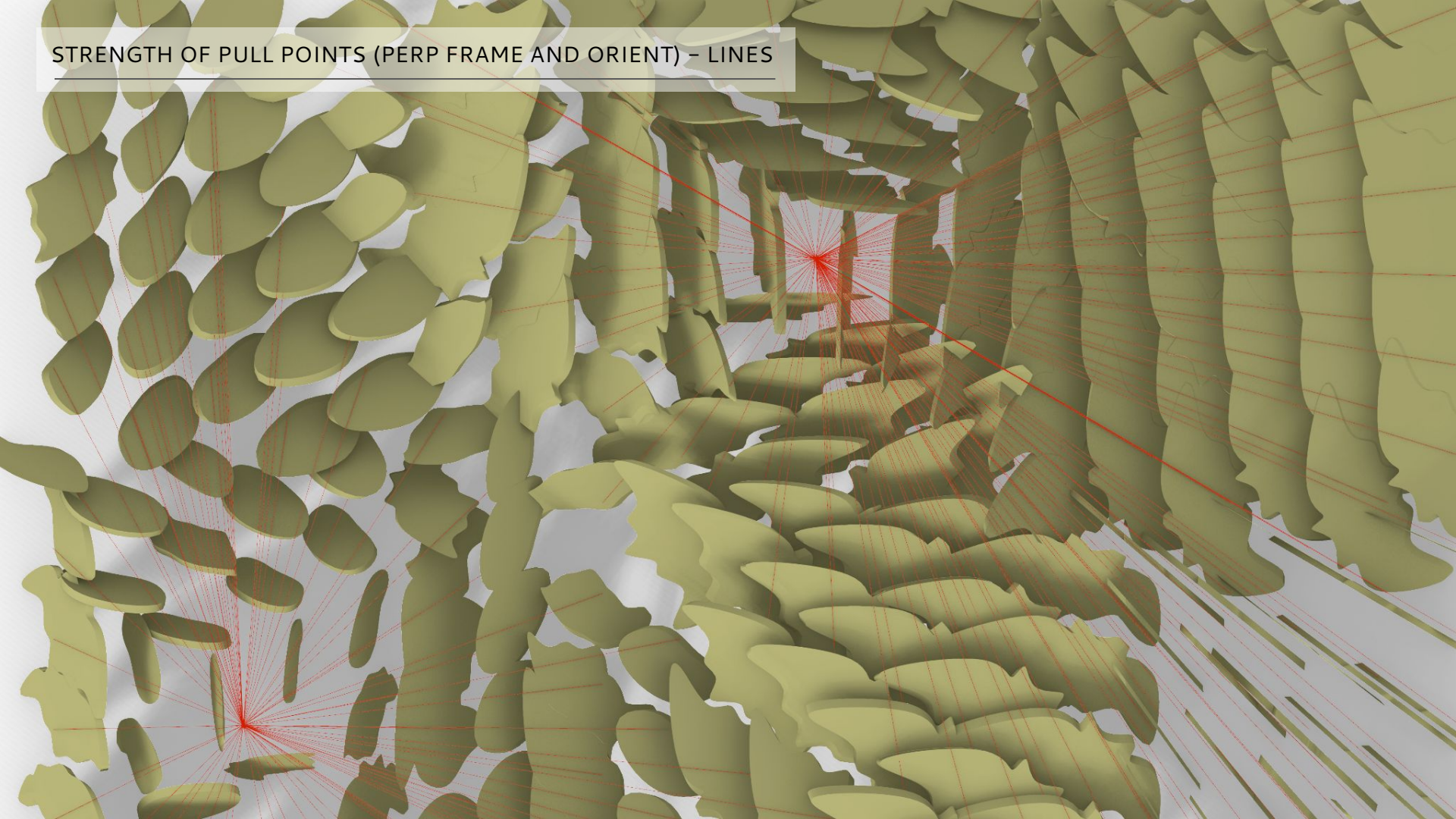
STRENGTH OF PULL POINTS (PERP FRAME AND ORIENT) – LINES



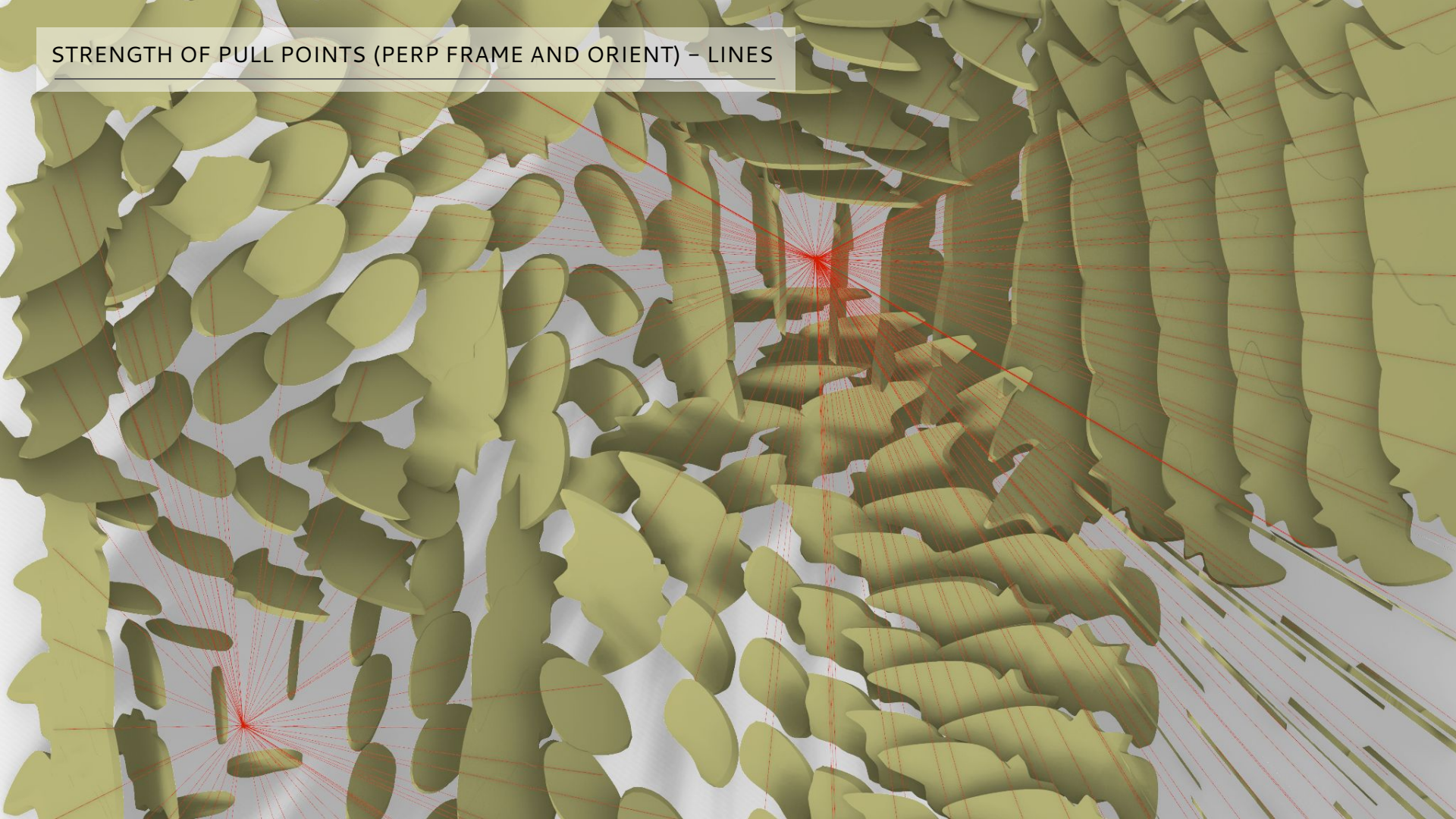
STRENGTH OF PULL POINTS (PERP FRAME AND ORIENT) – LINES



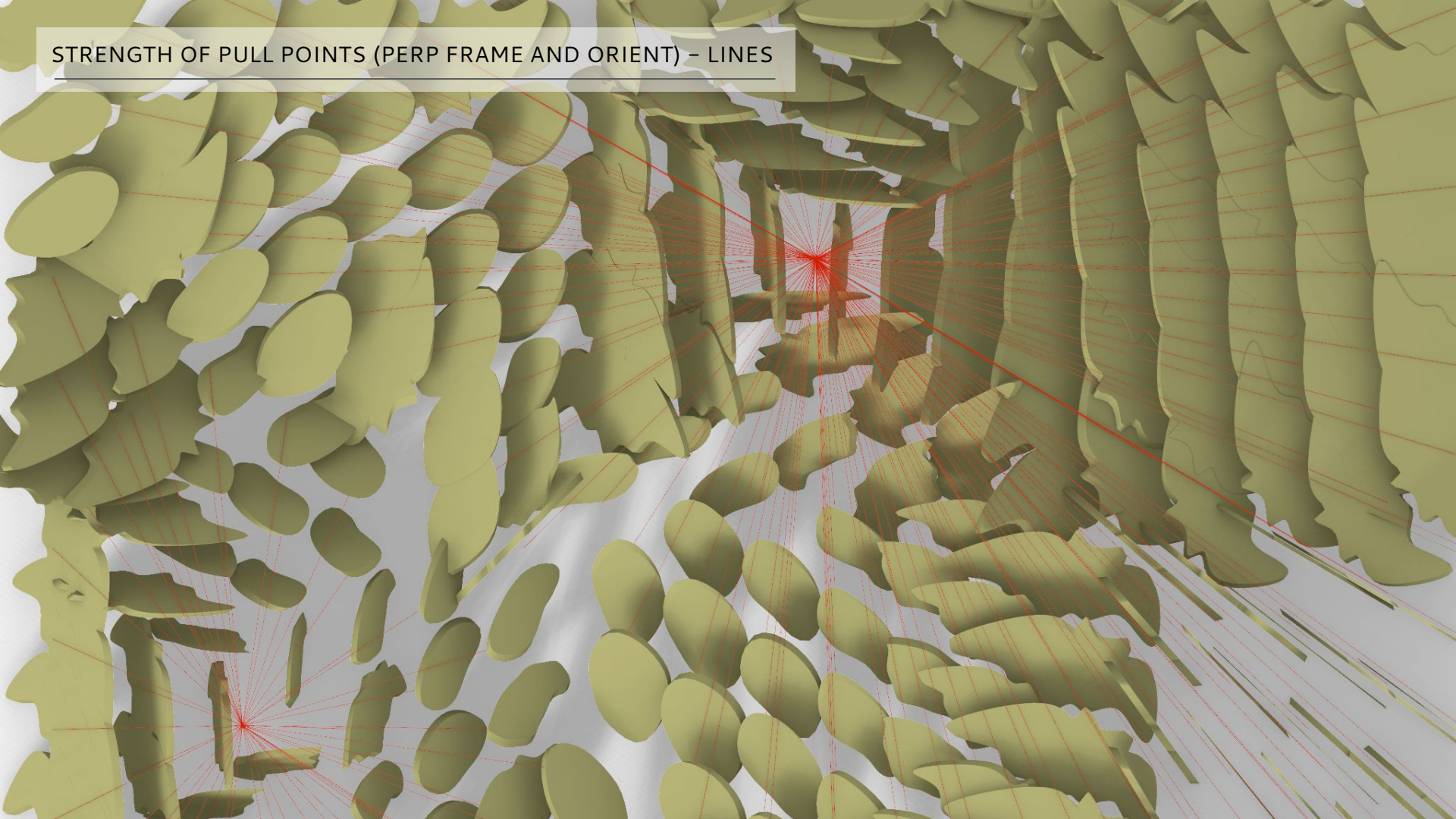
STRENGTH OF PULL POINTS (PERP FRAME AND ORIENT) – LINES



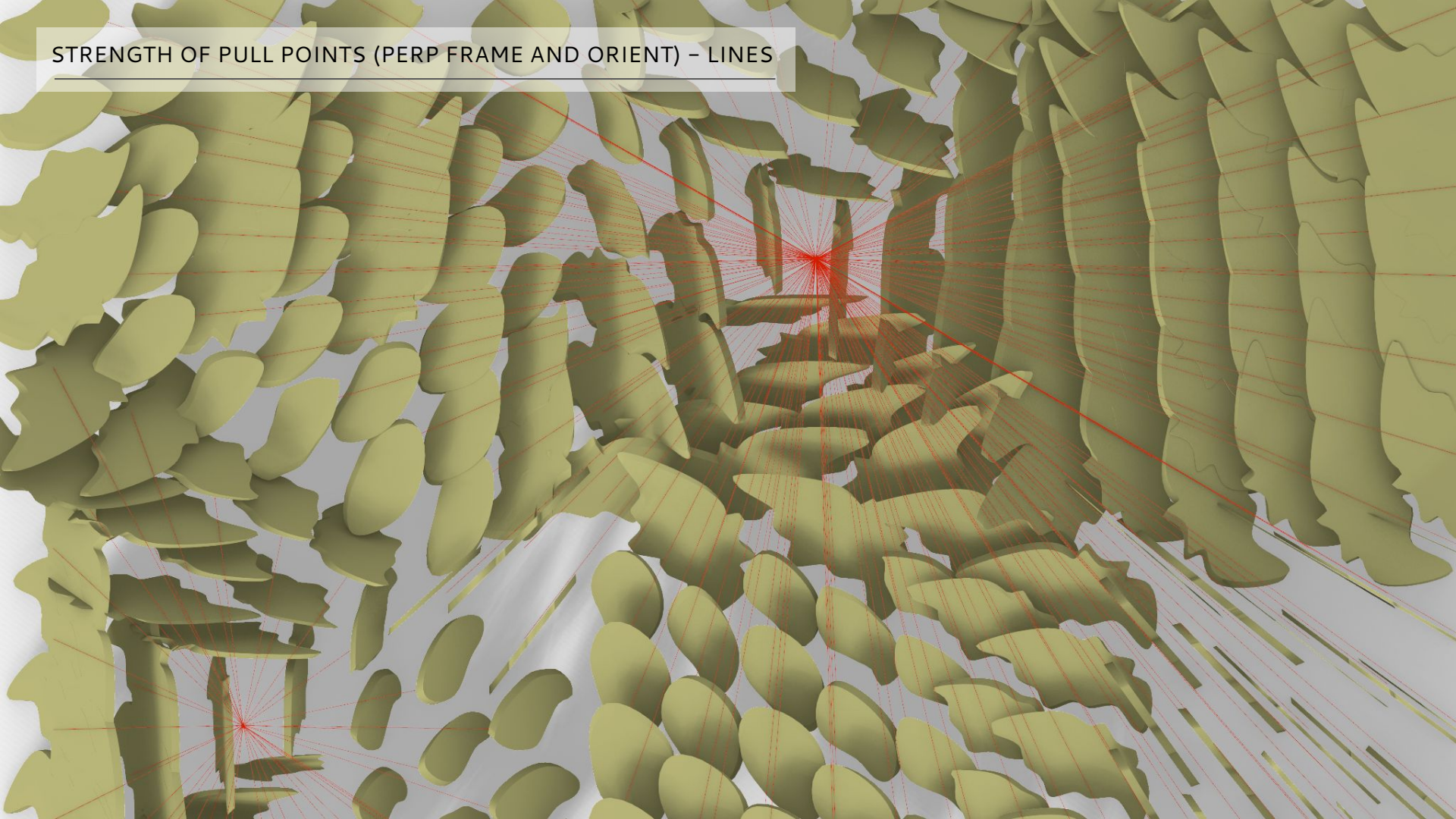
STRENGTH OF PULL POINTS (PERP FRAME AND ORIENT) – LINES



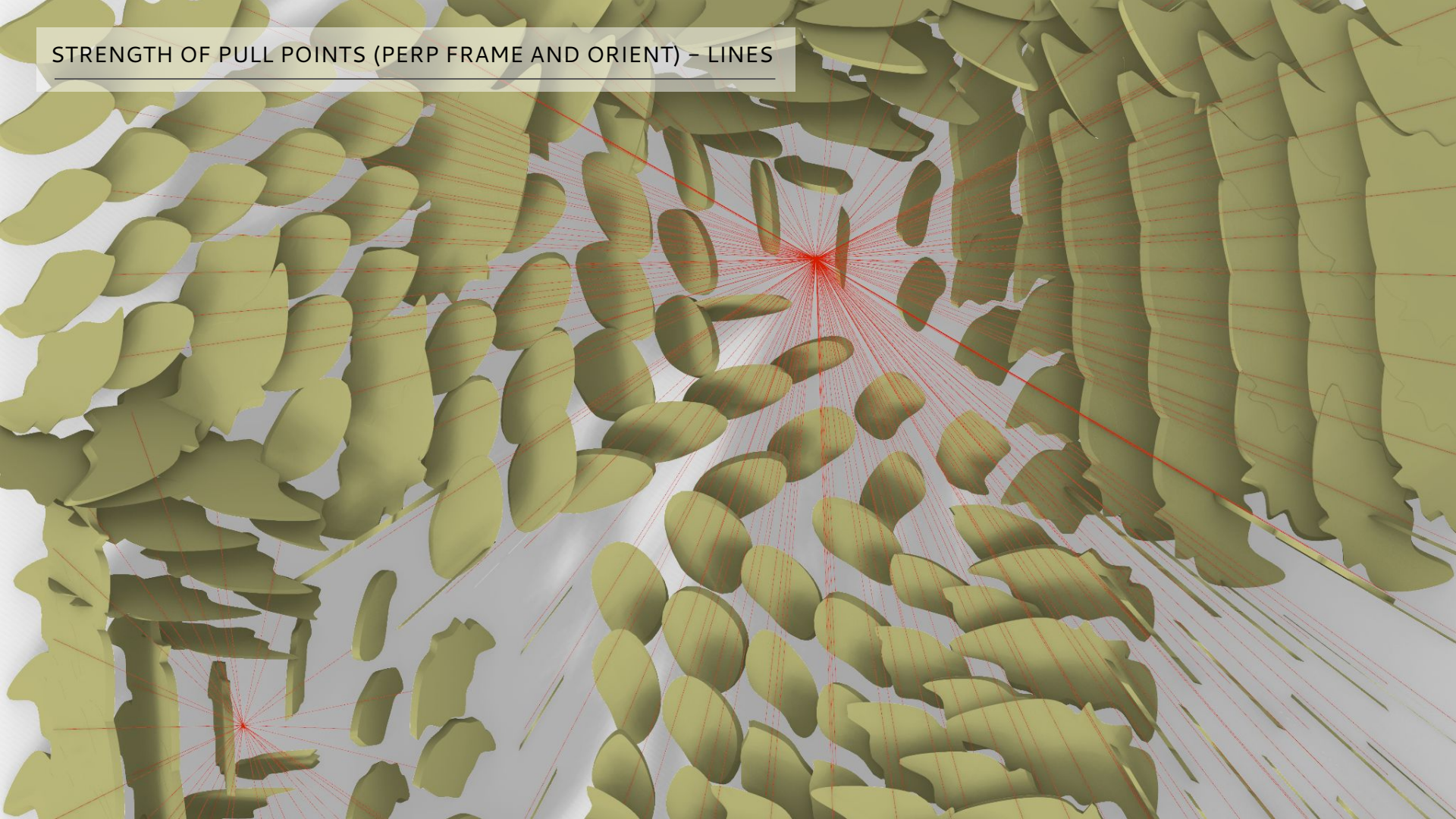
STRENGTH OF PULL POINTS (PERP FRAME AND ORIENT) – LINES



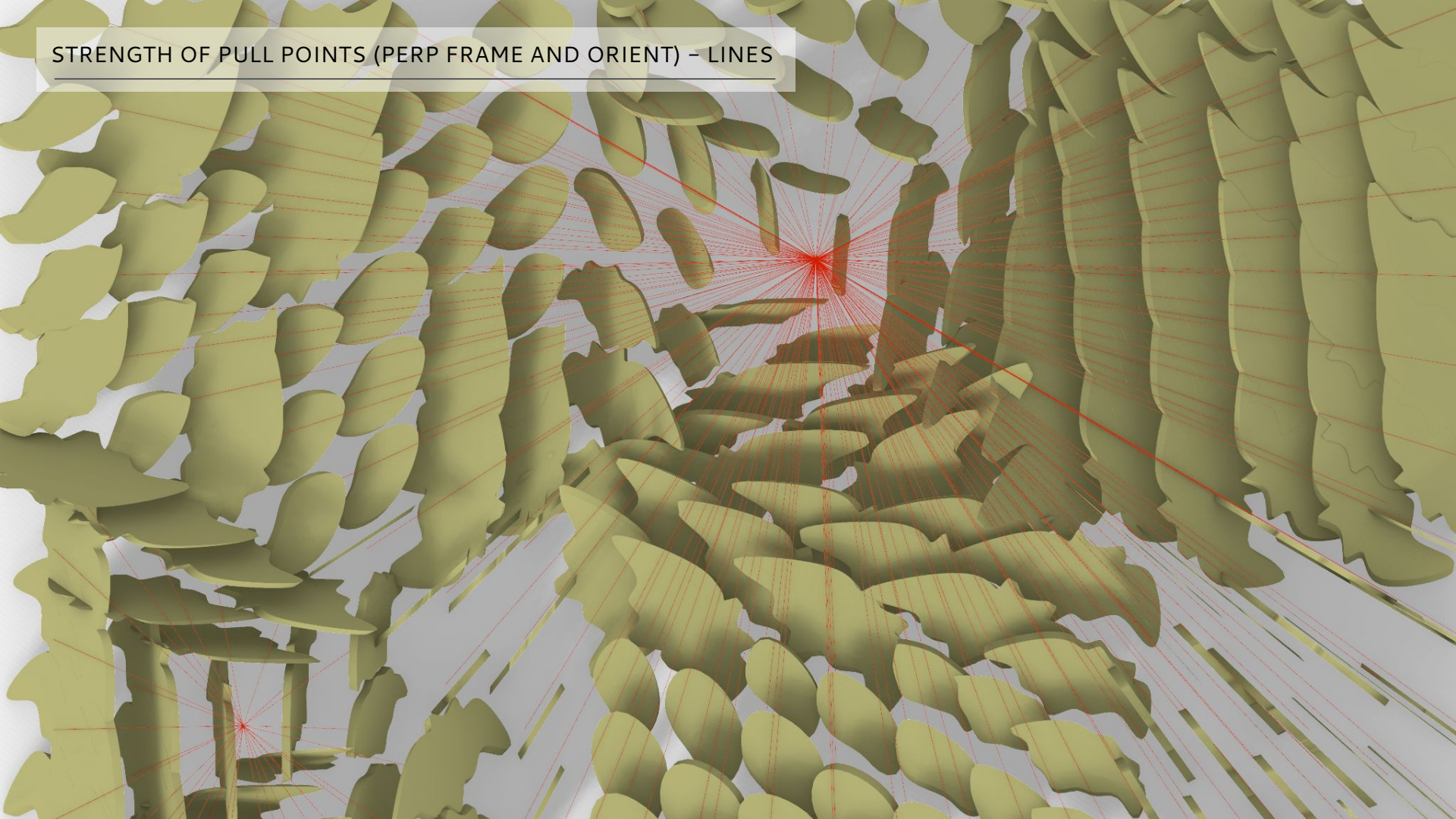
STRENGTH OF PULL POINTS (PERP FRAME AND ORIENT) – LINES



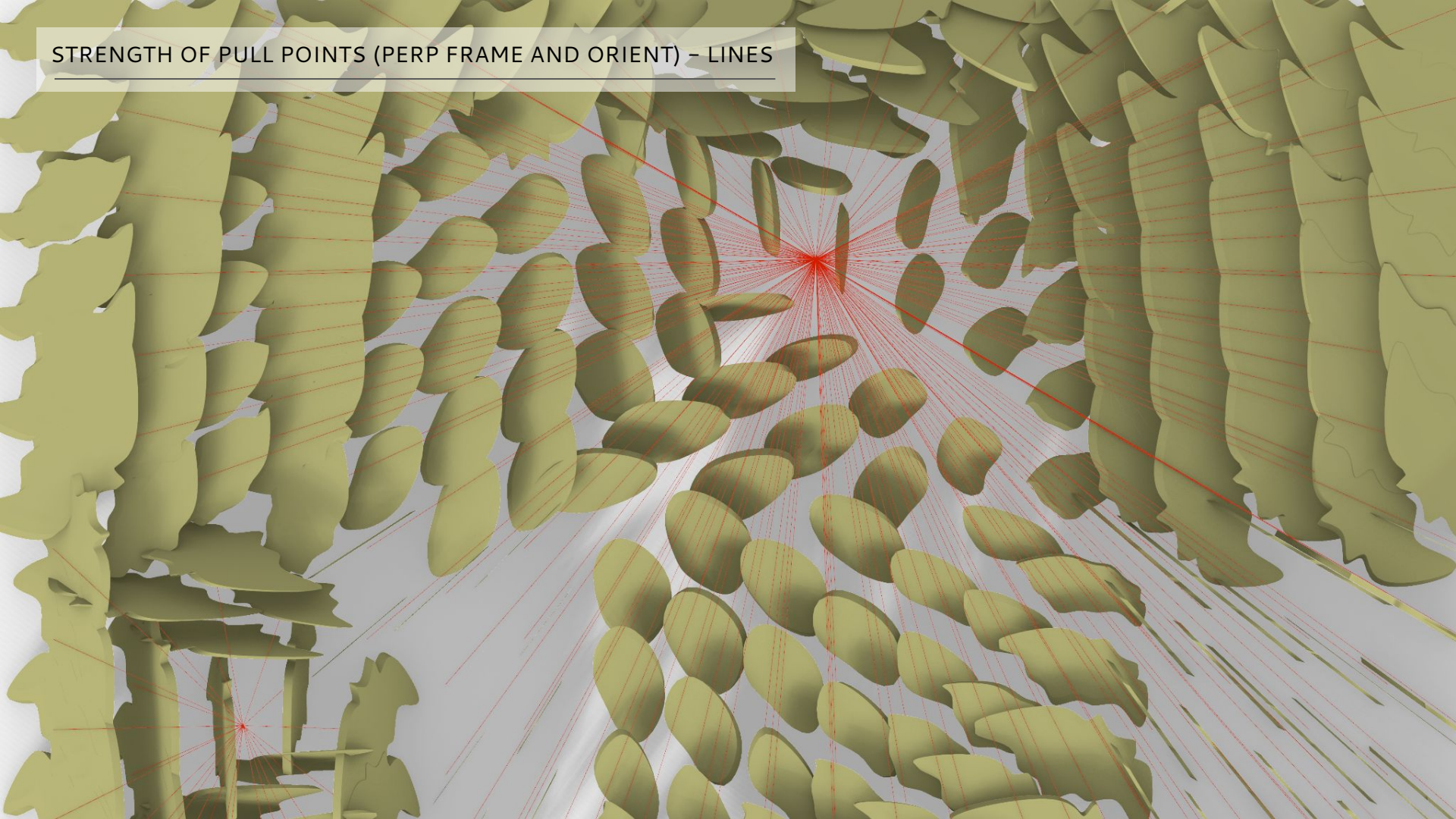
STRENGTH OF PULL POINTS (PERP FRAME AND ORIENT) – LINES



STRENGTH OF PULL POINTS (PERP FRAME AND ORIENT) – LINES

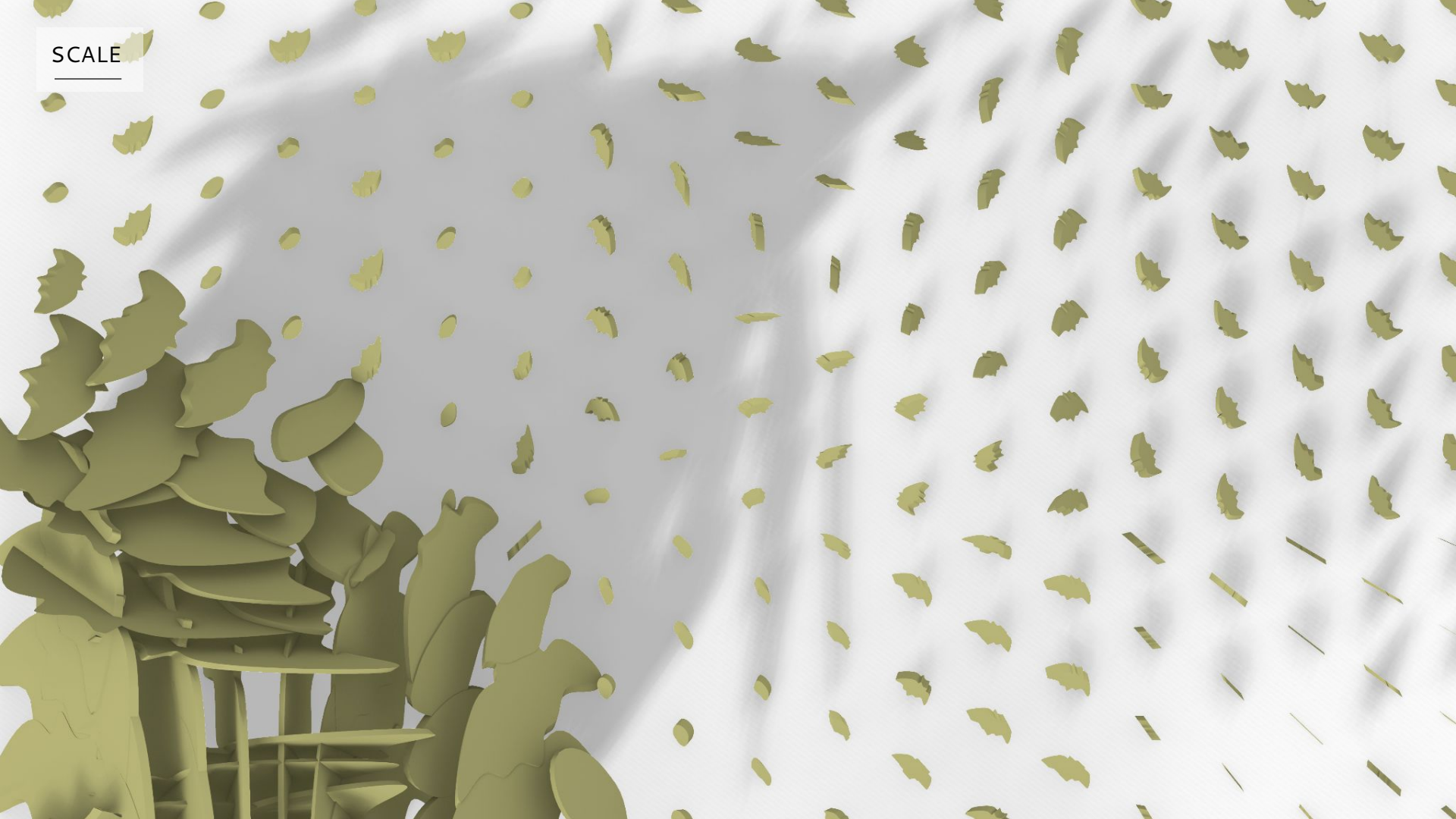


STRENGTH OF PULL POINTS (PERP FRAME AND ORIENT) – LINES

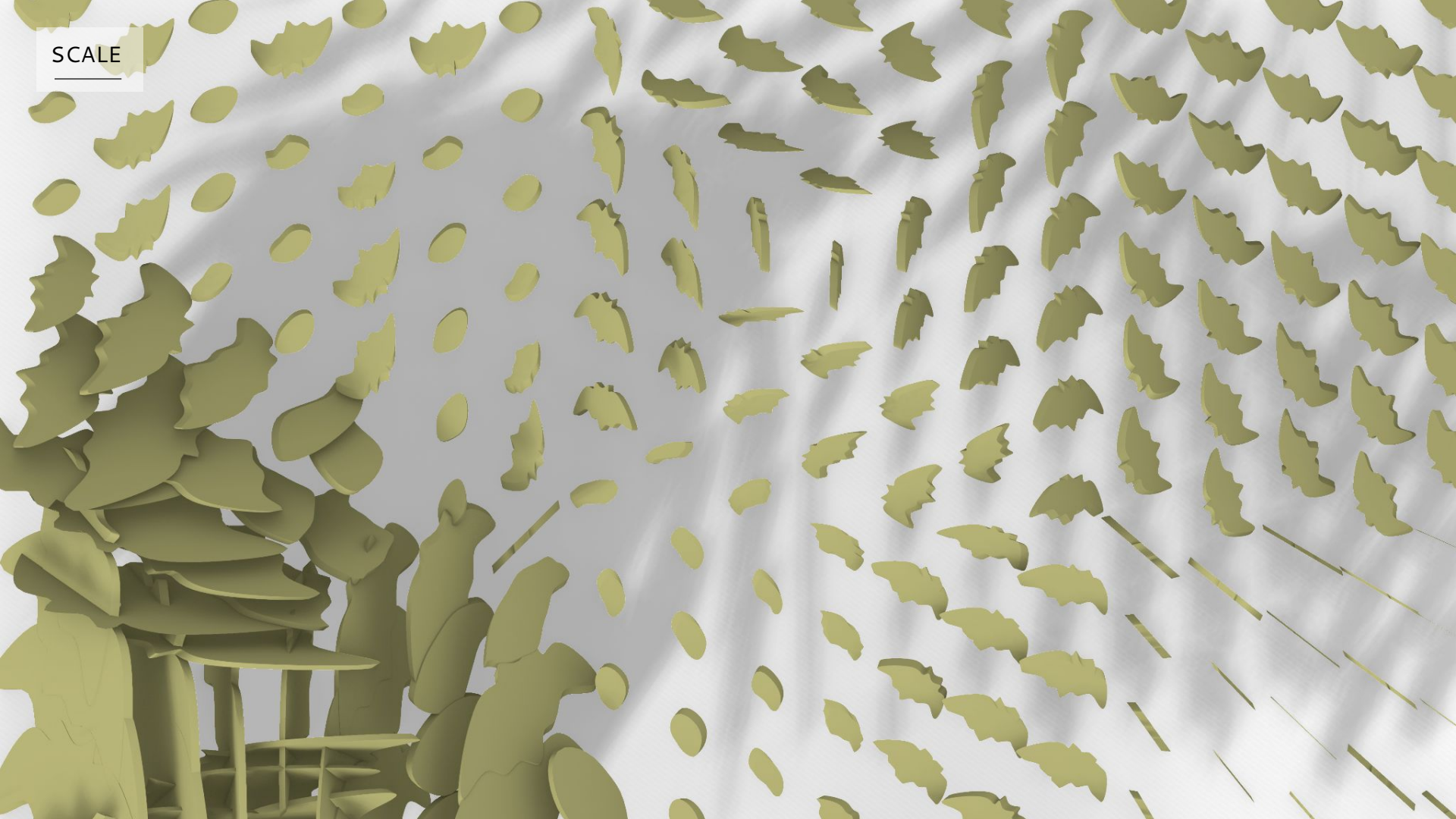


SCALE

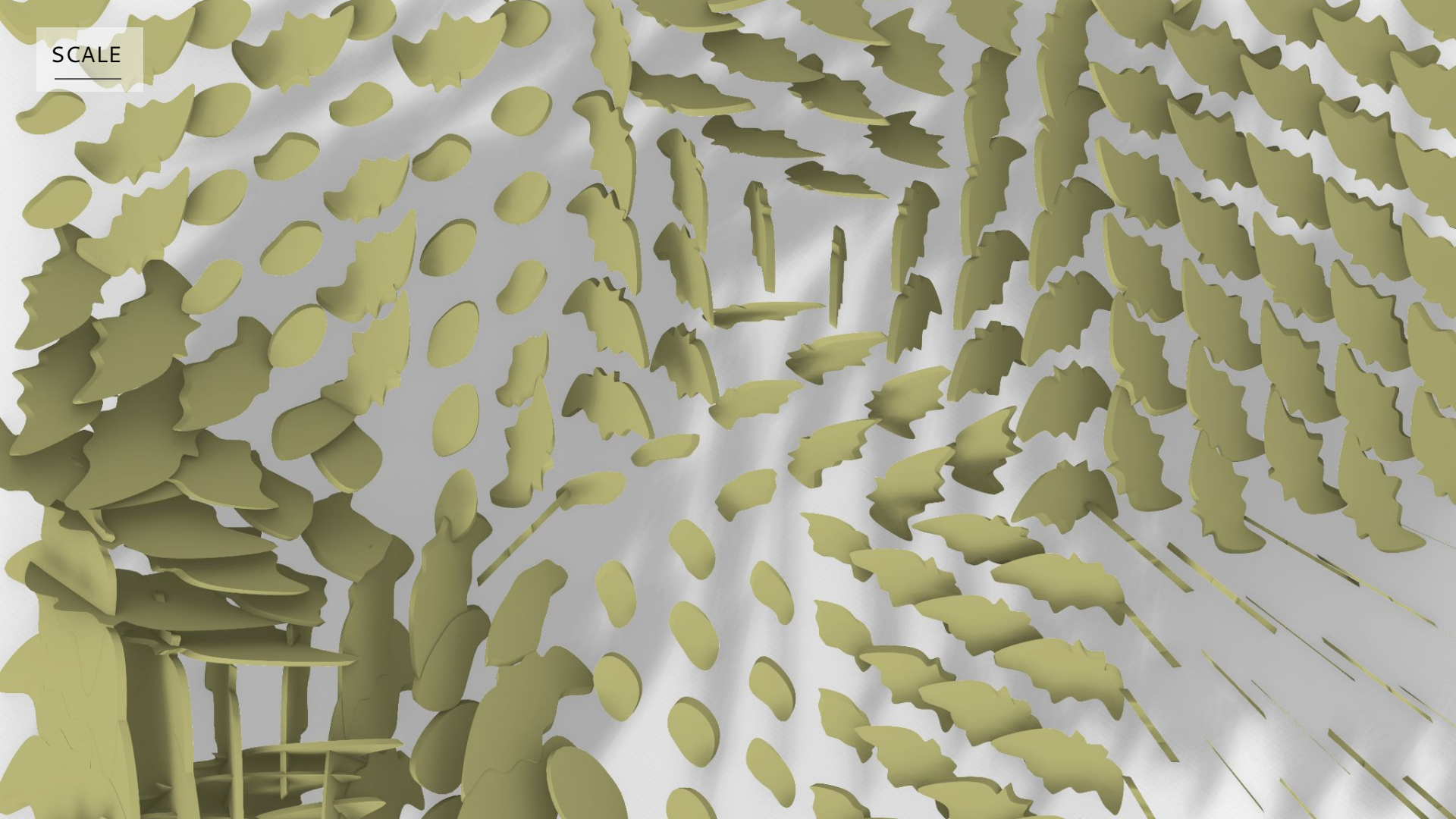
SCALE

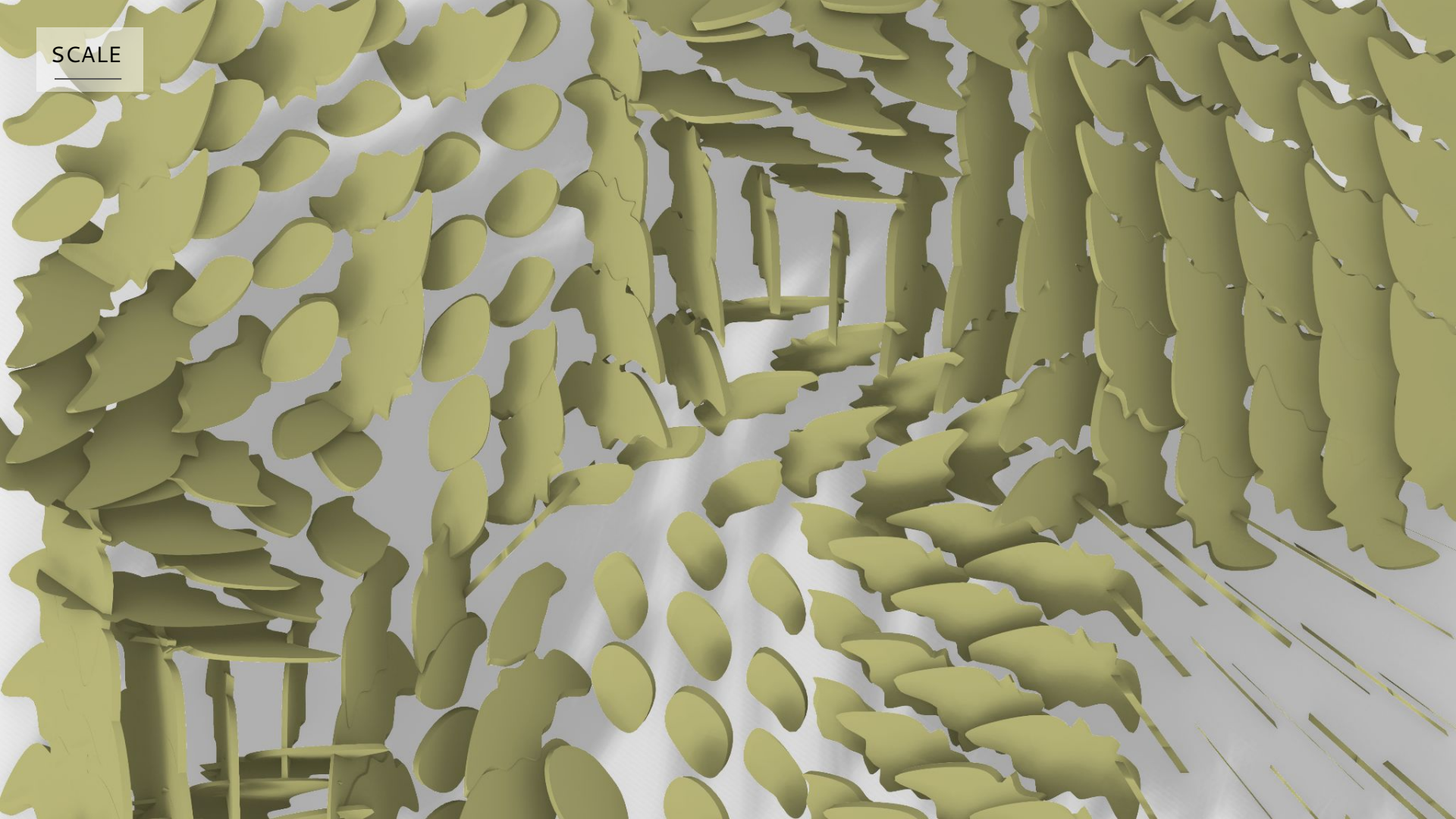


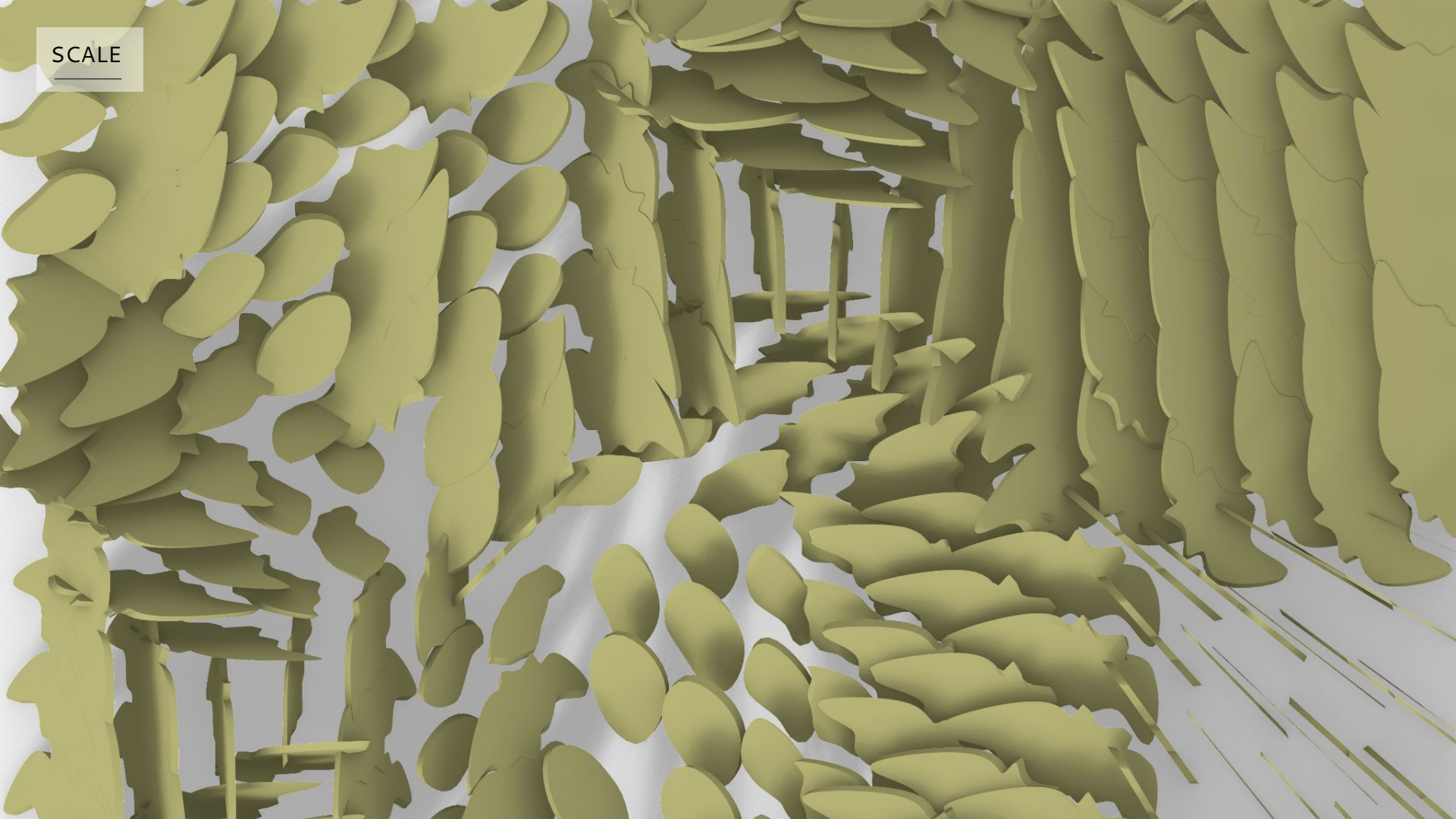
SCALE



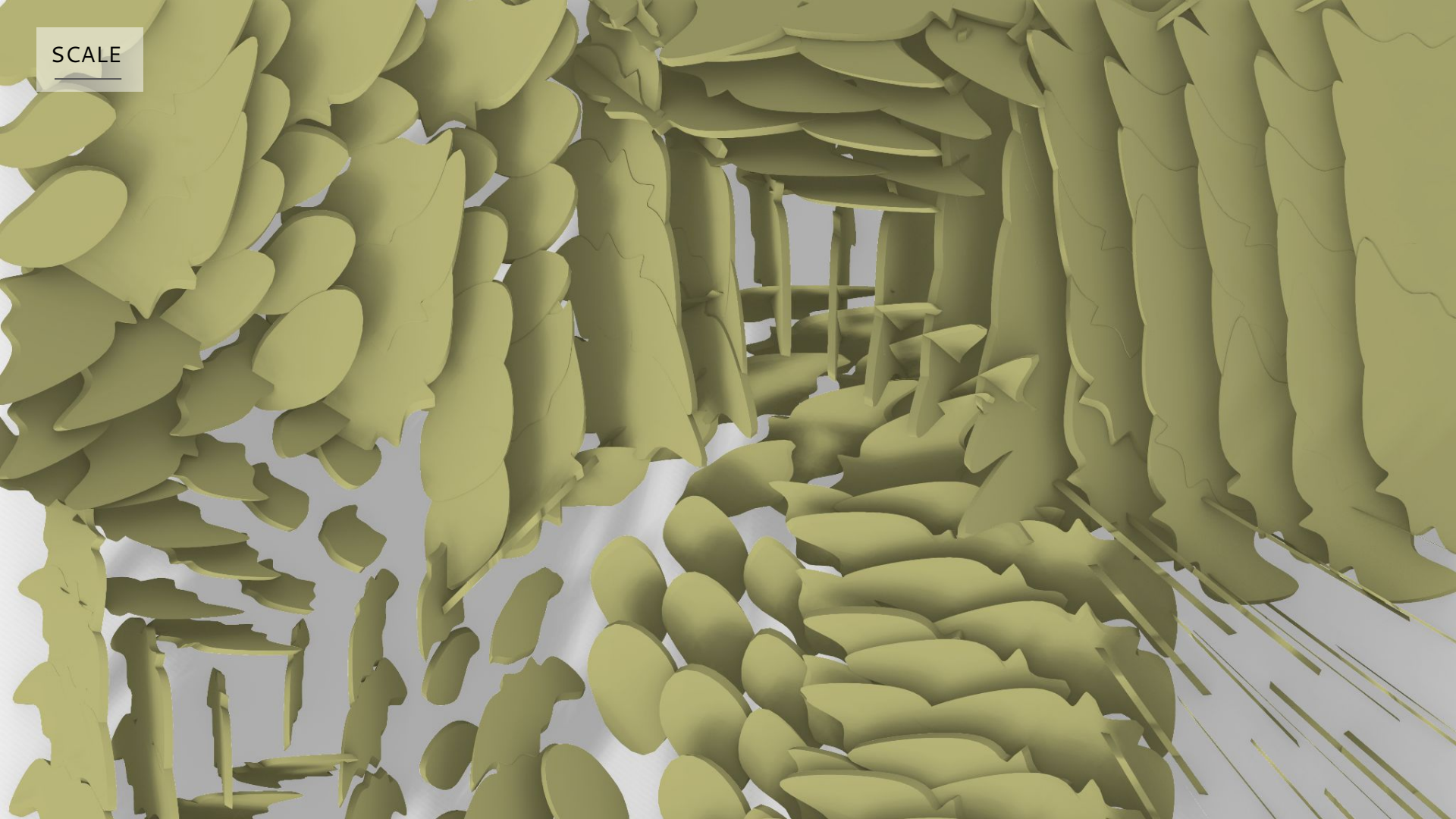
SCALE



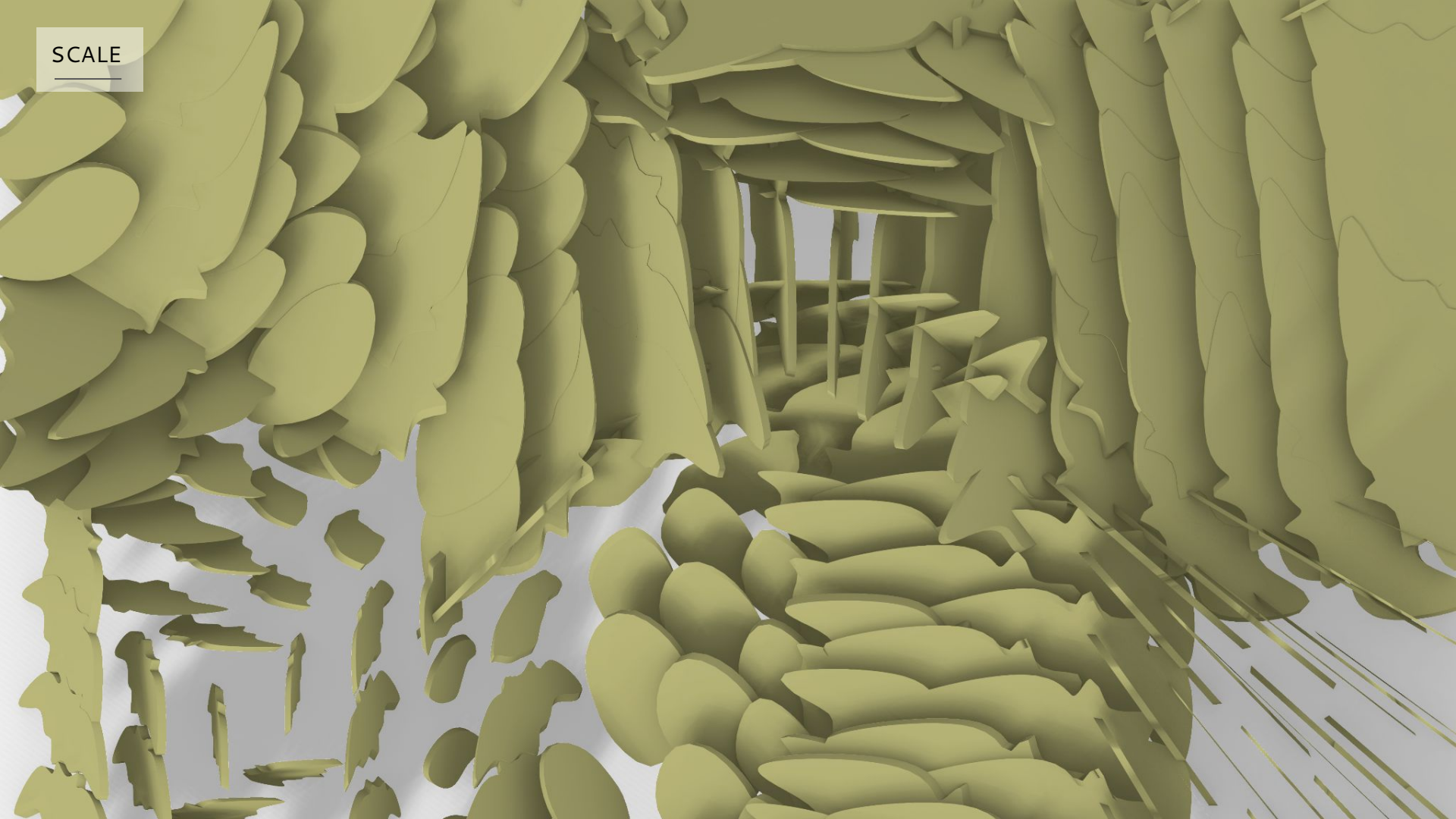

SCALE


SCALE

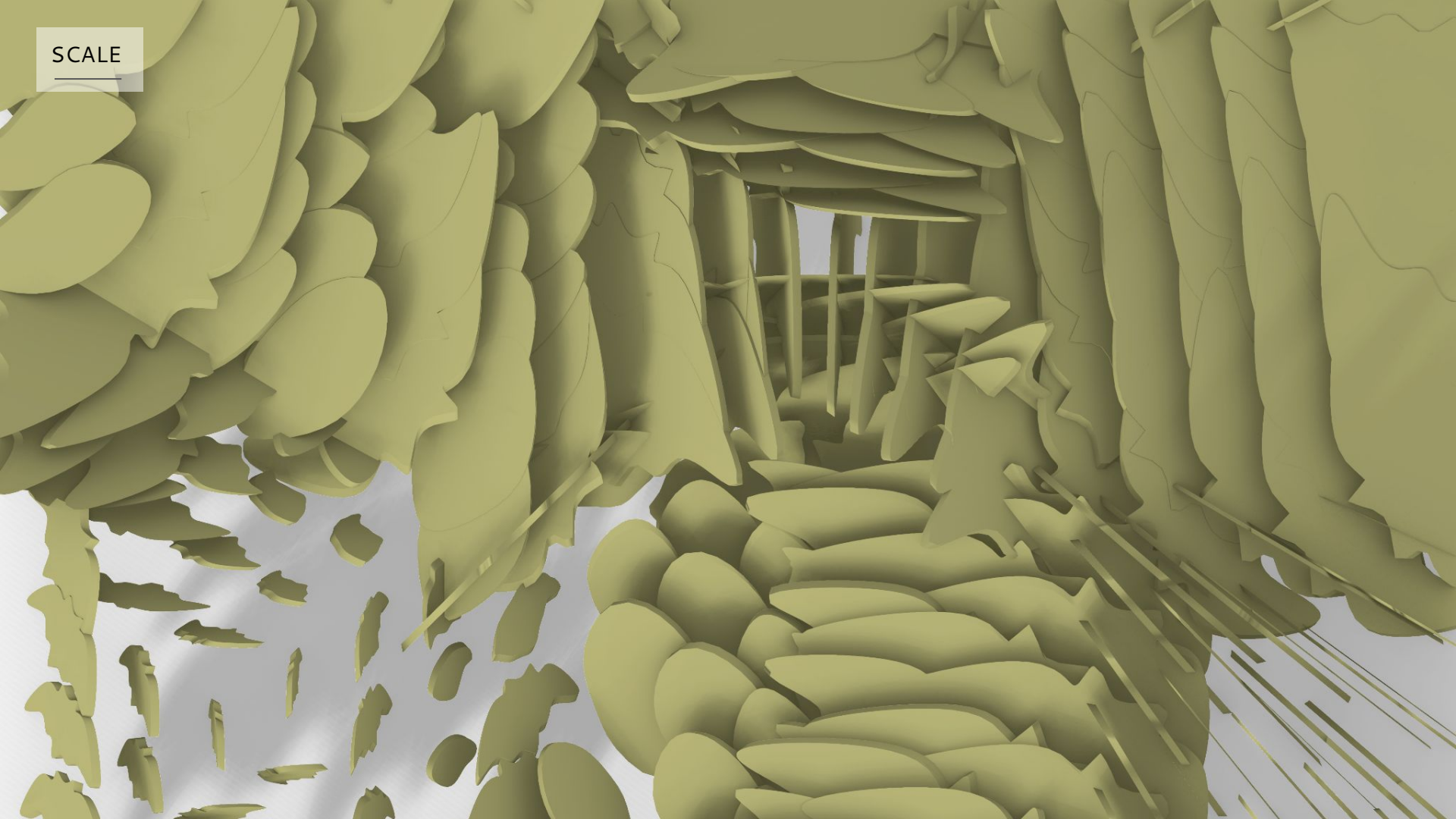
SCALE



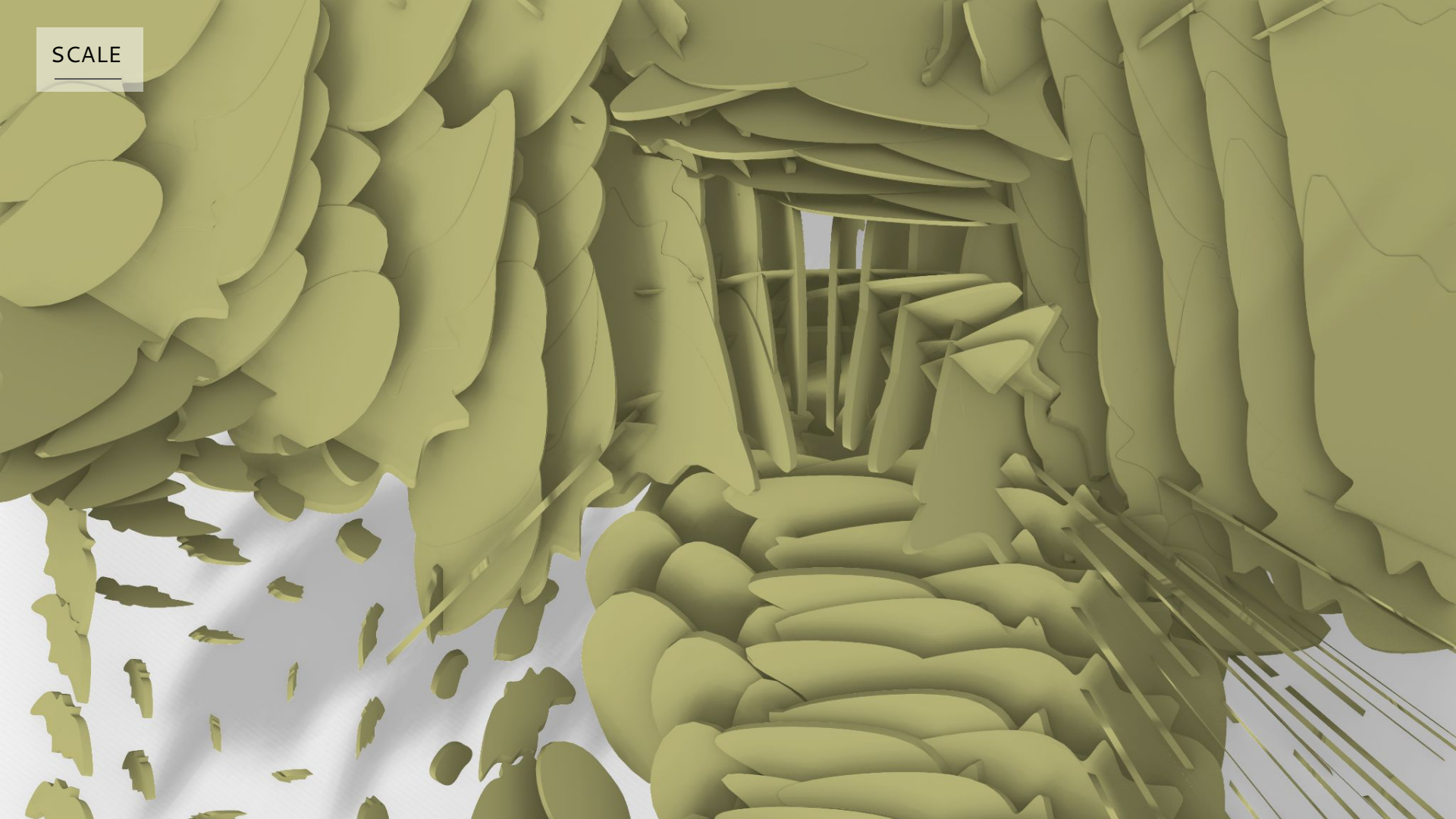
SCALE



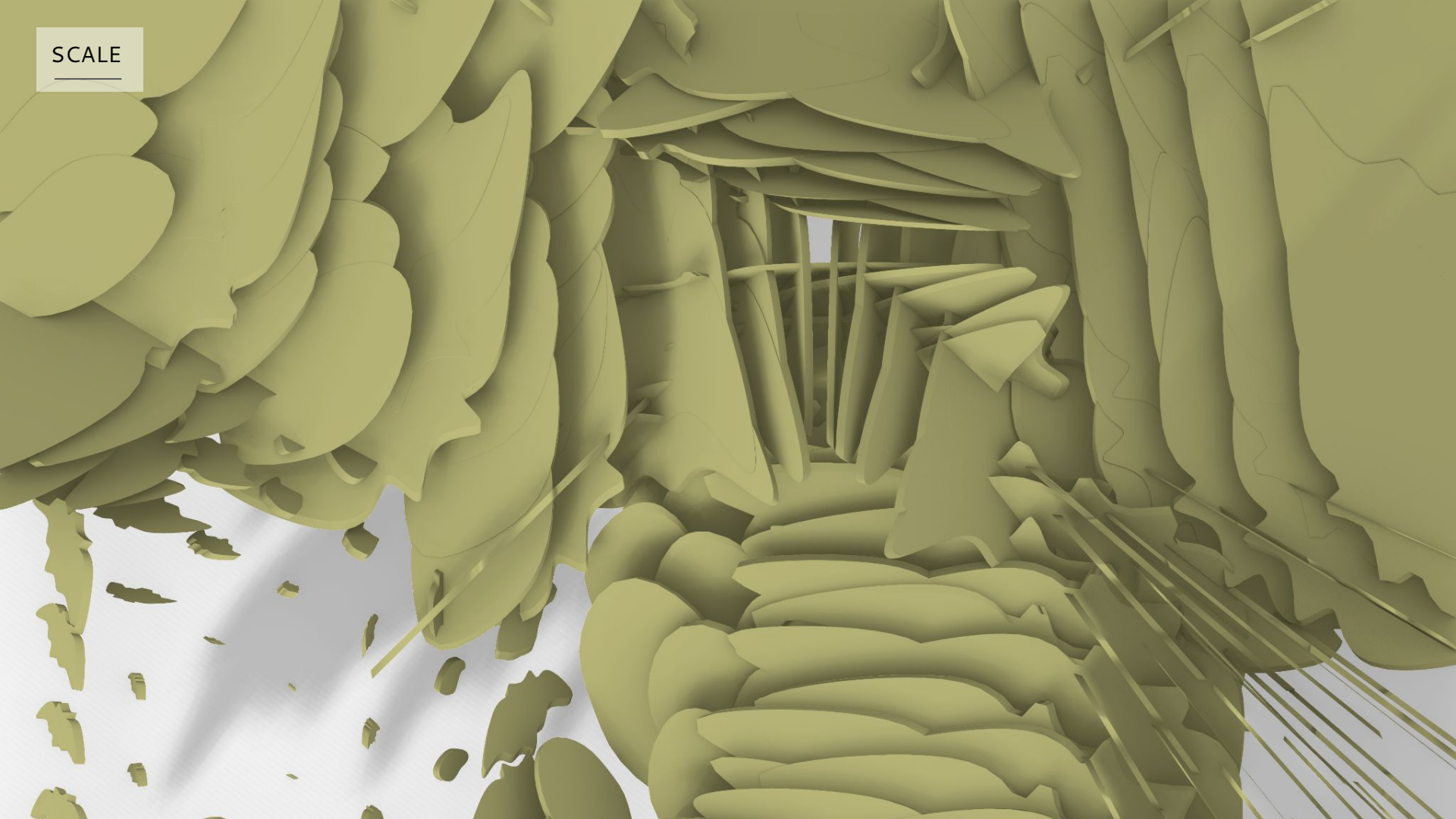
SCALE



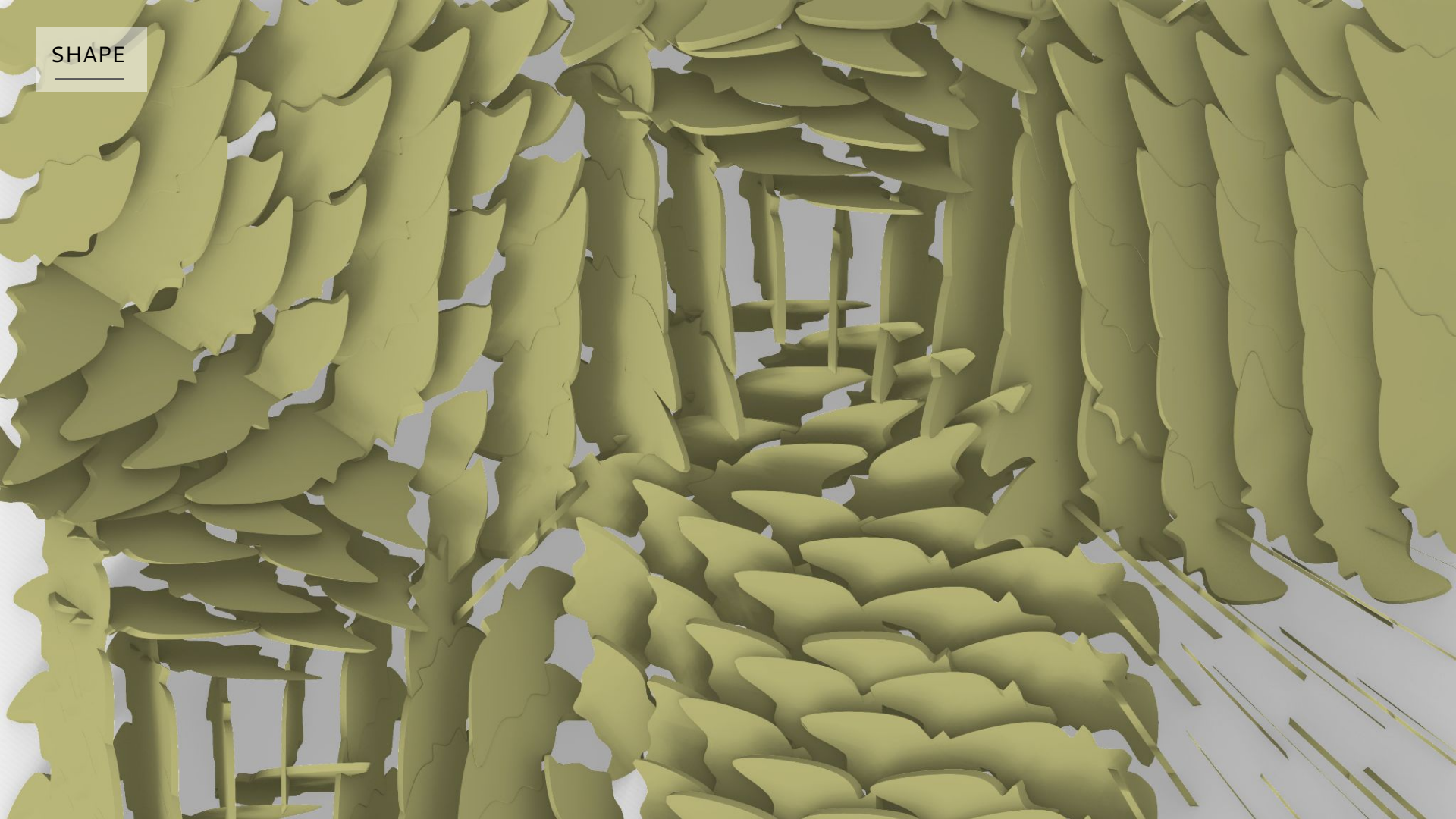
SCALE

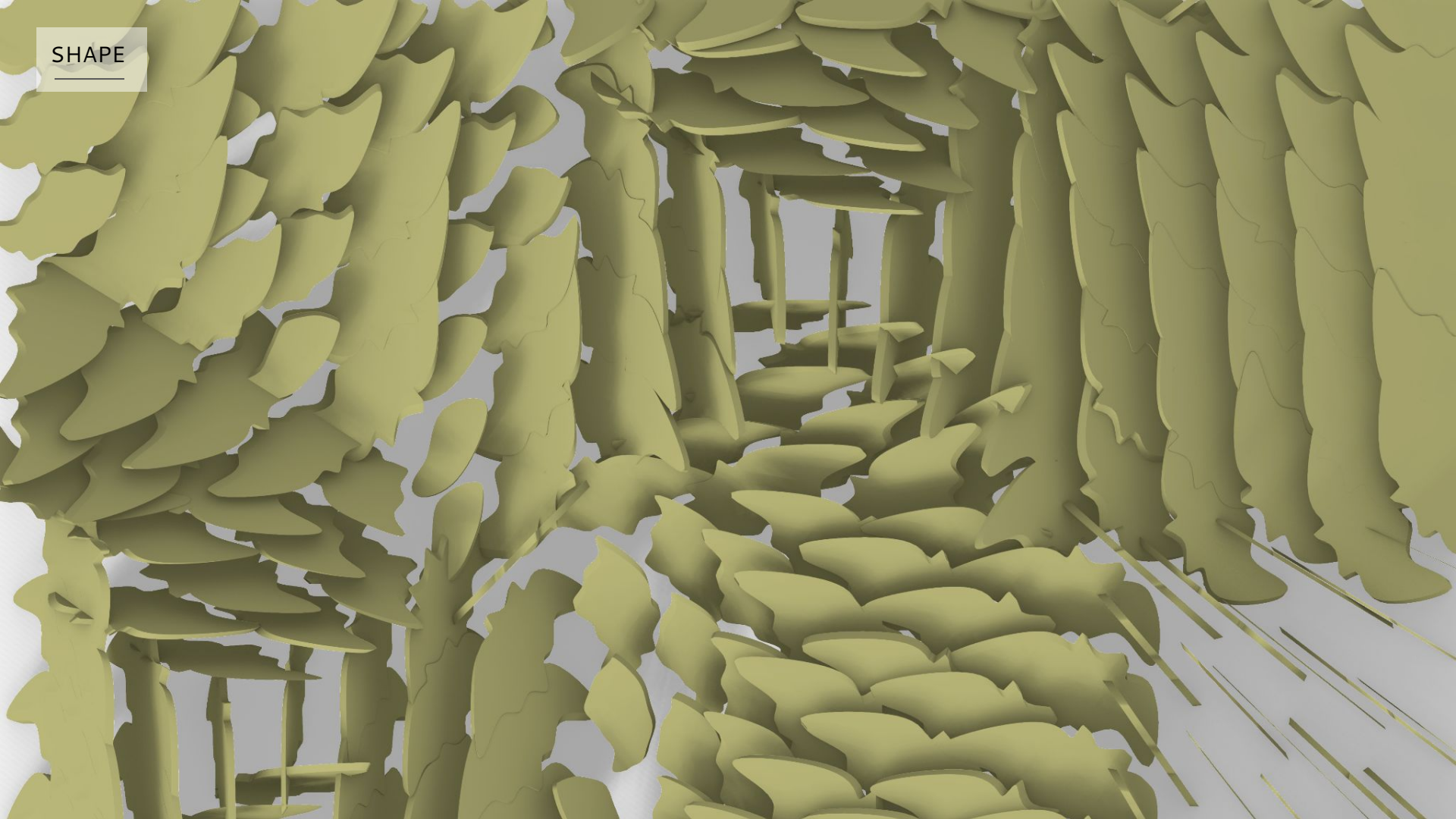


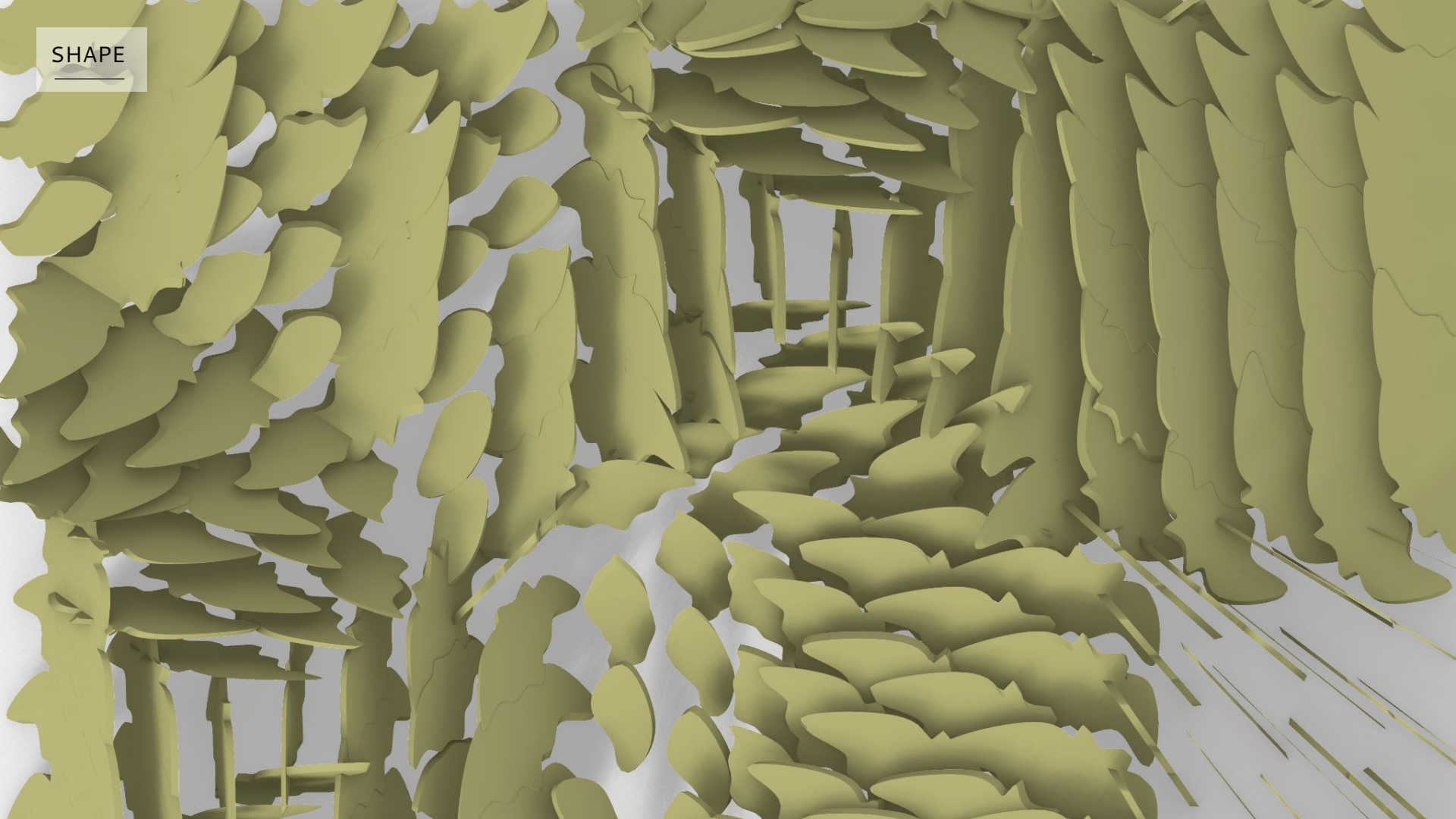
SCALE



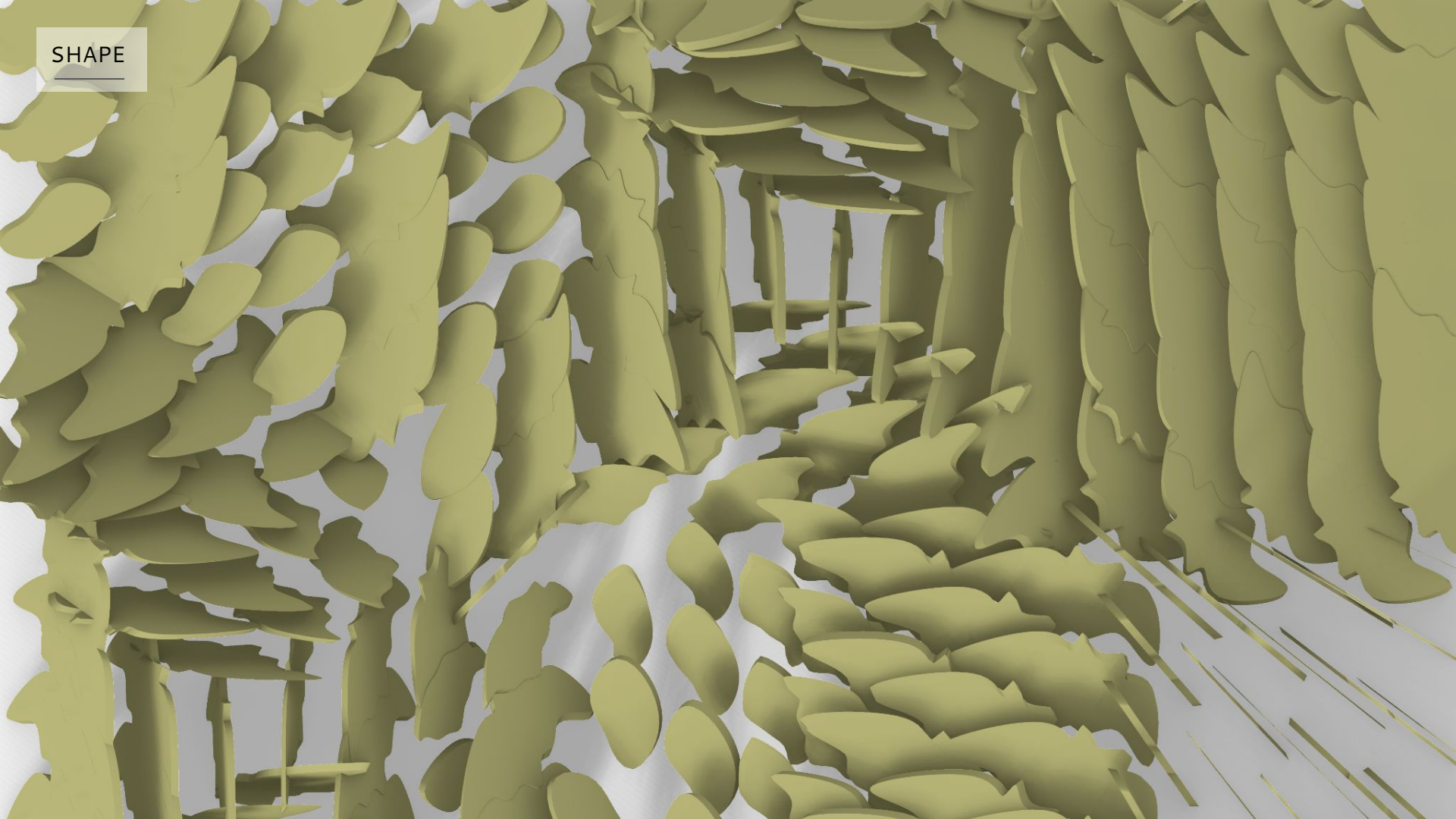
SHAPE


SHAPE

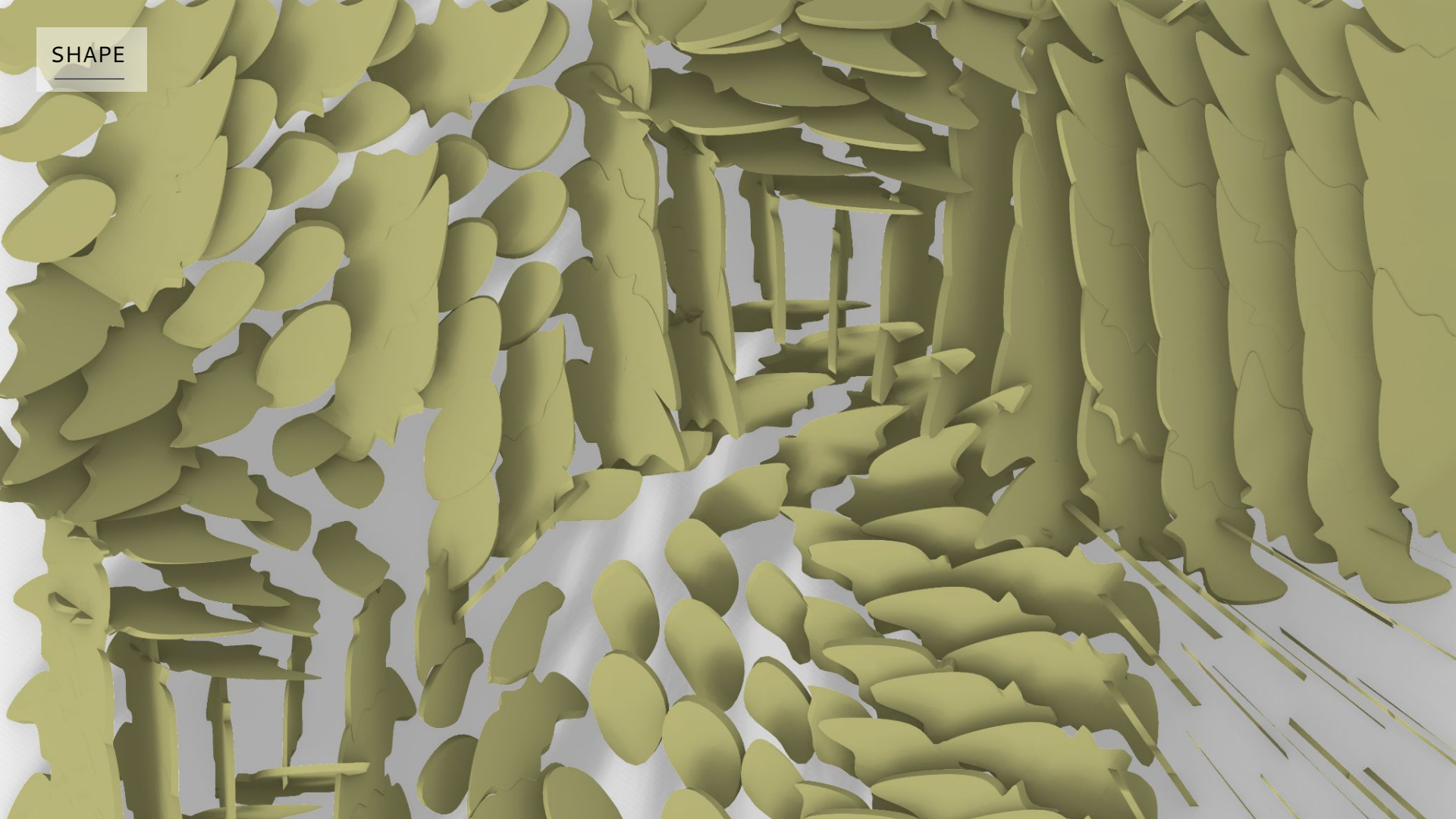

SHAPE


SHAPE

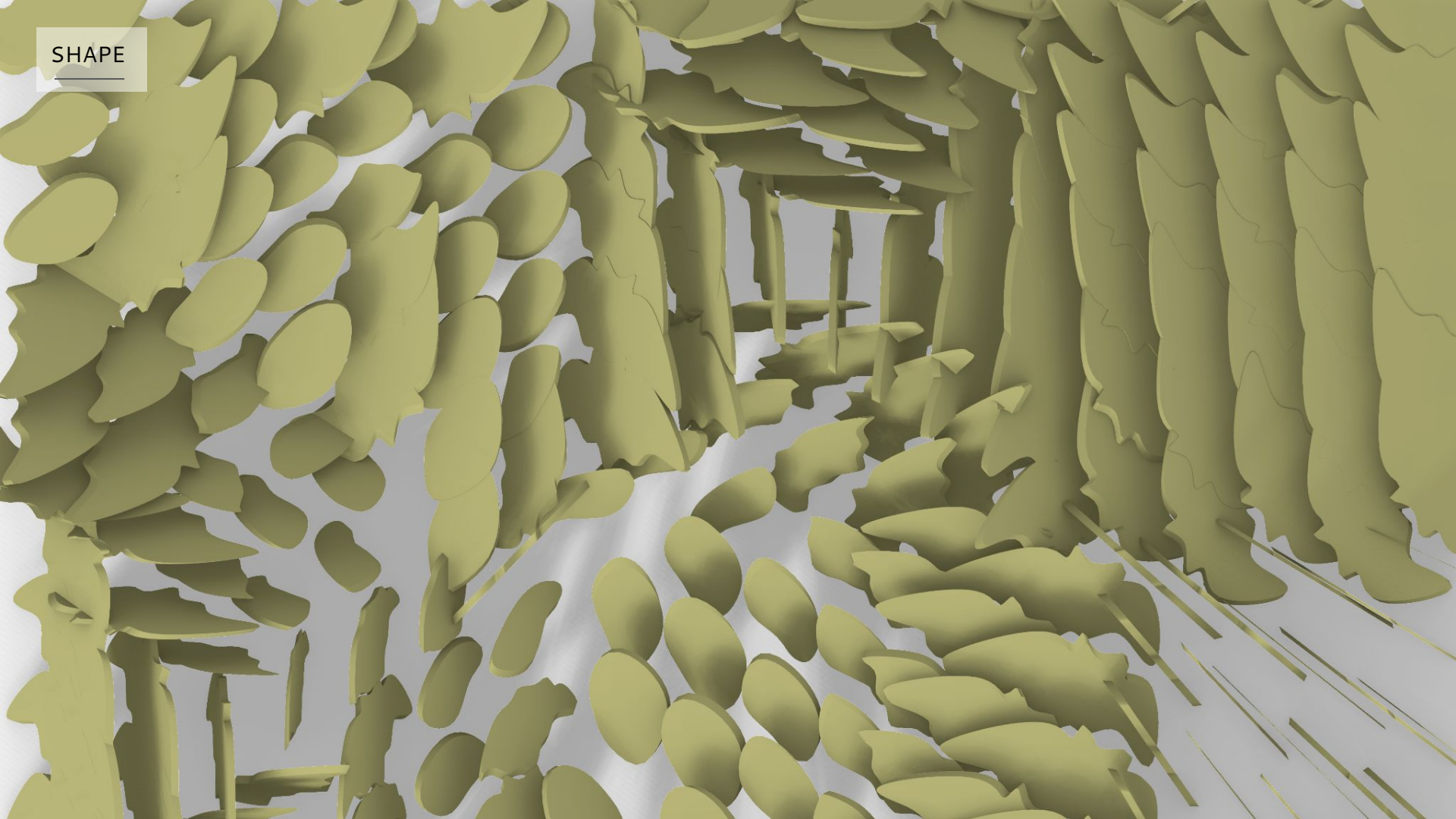
SHAPE



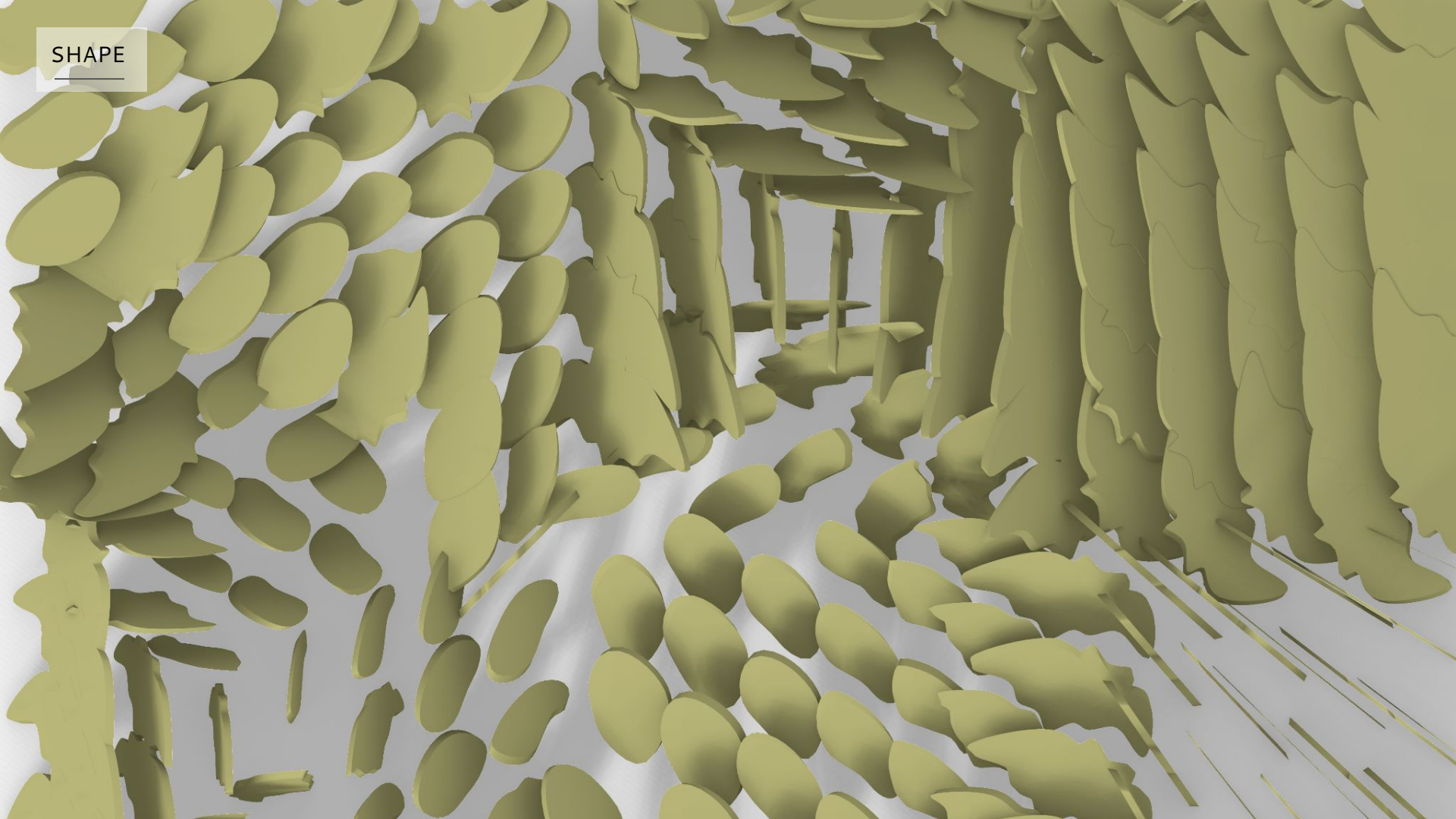
SHAPE

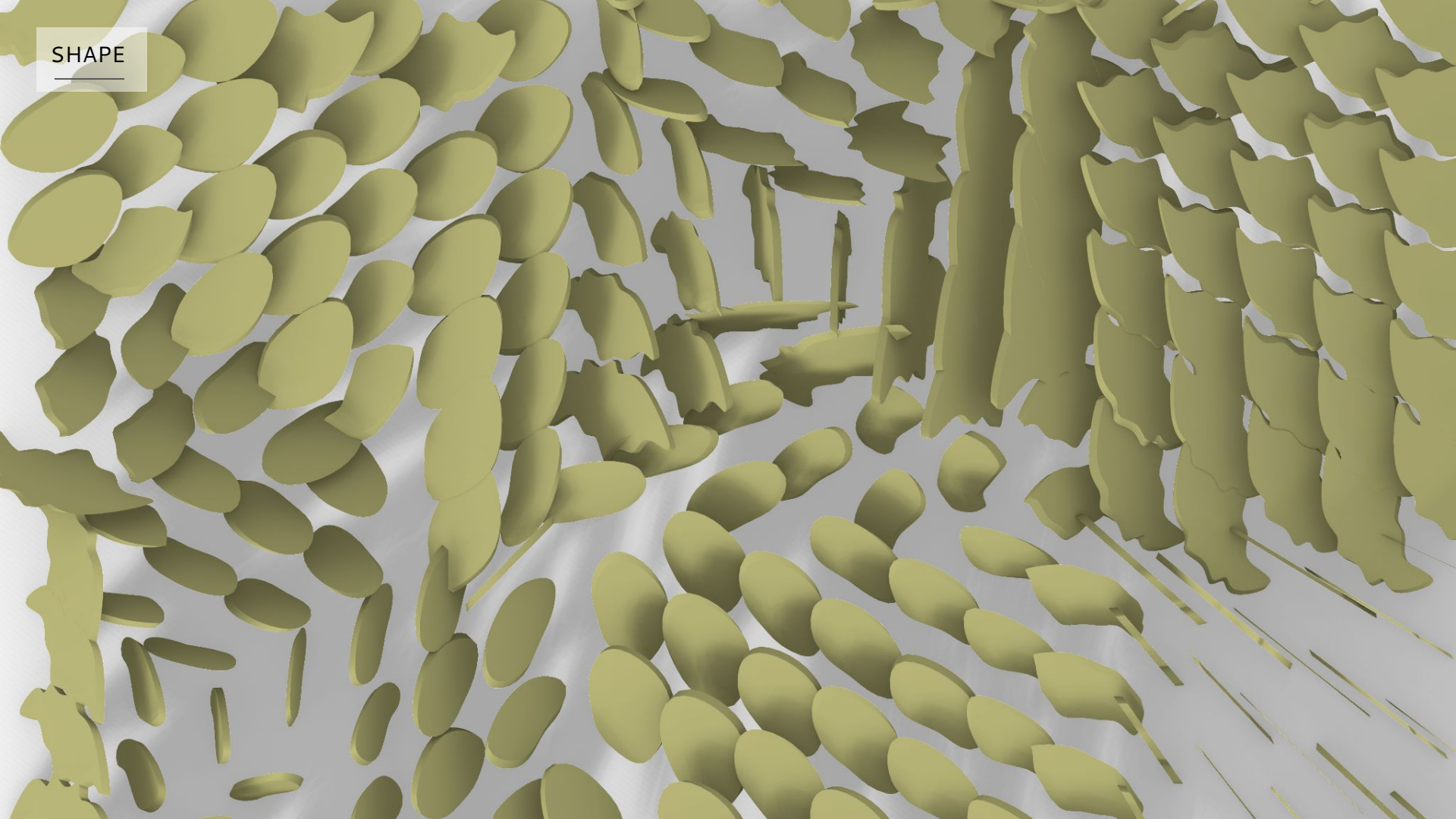


SHAPE

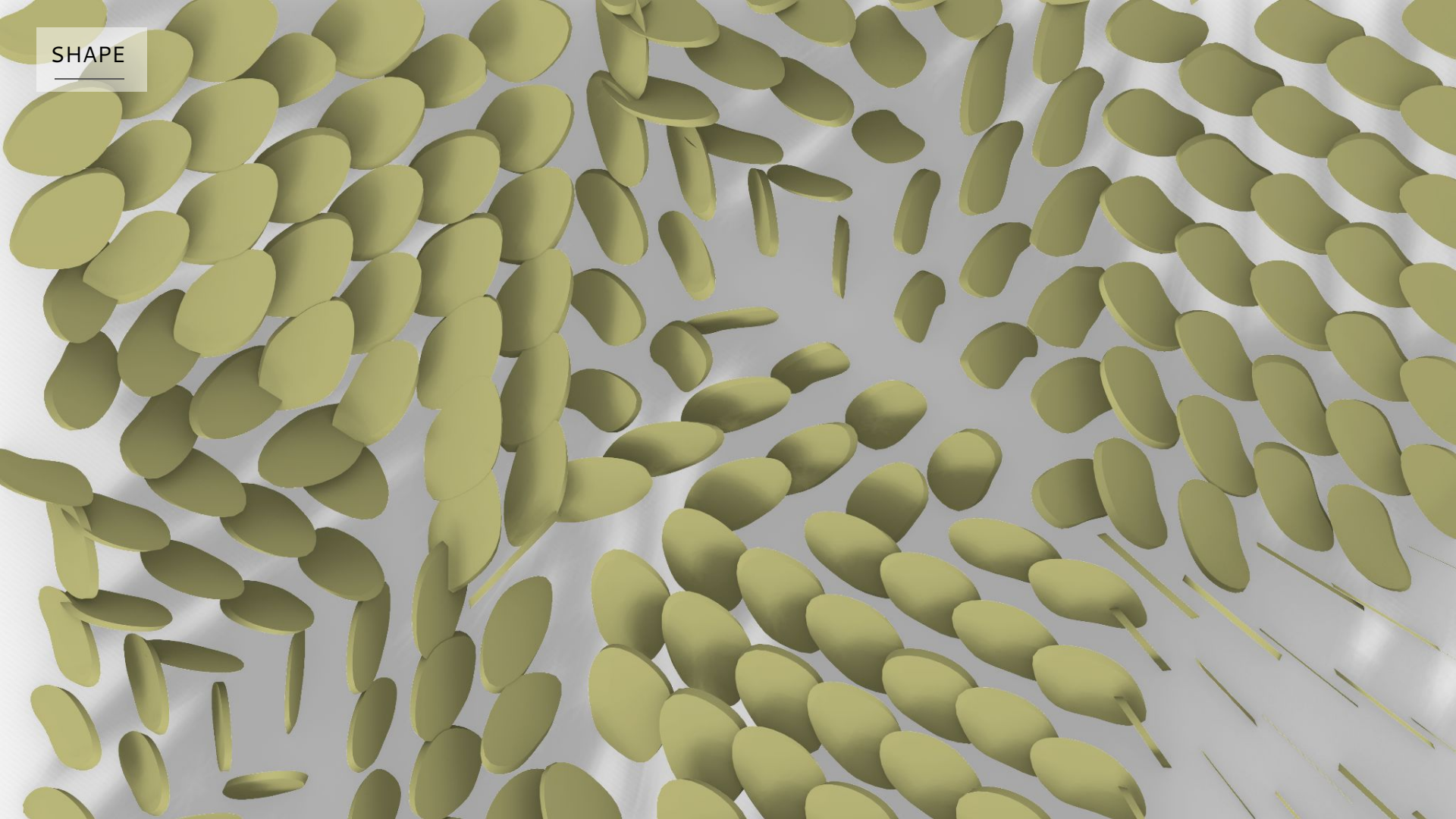


SHAPE

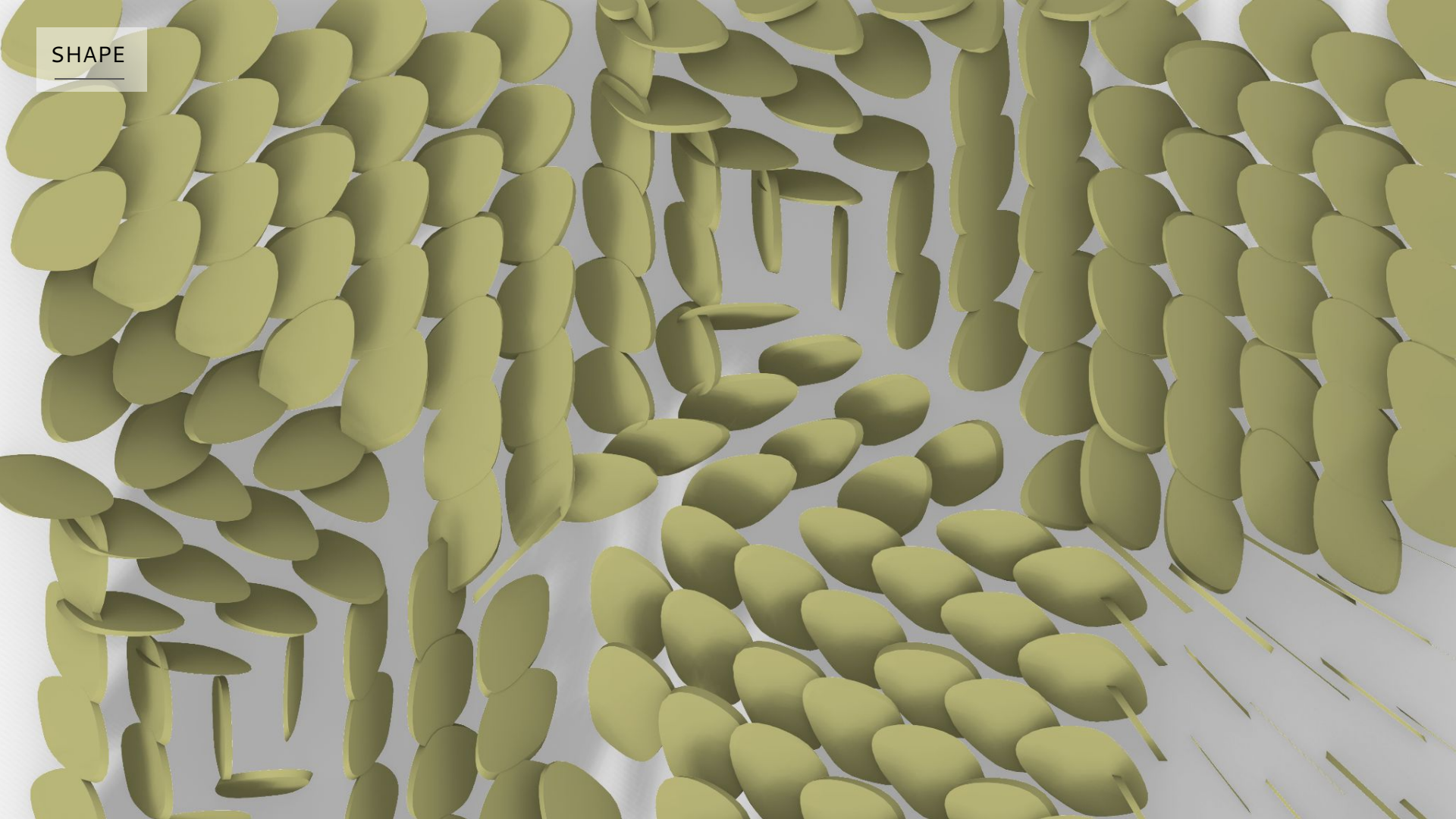




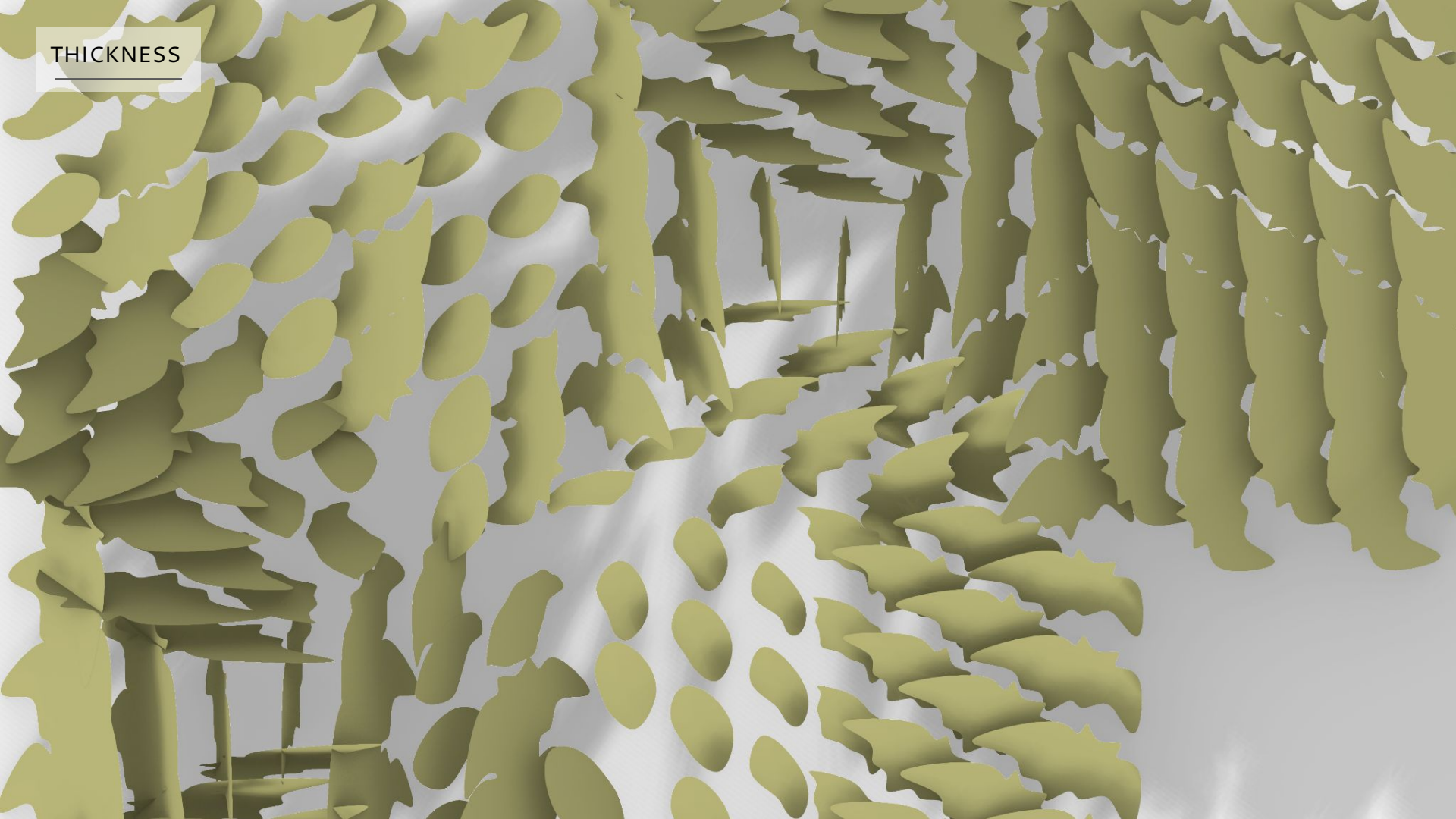
SHAPE



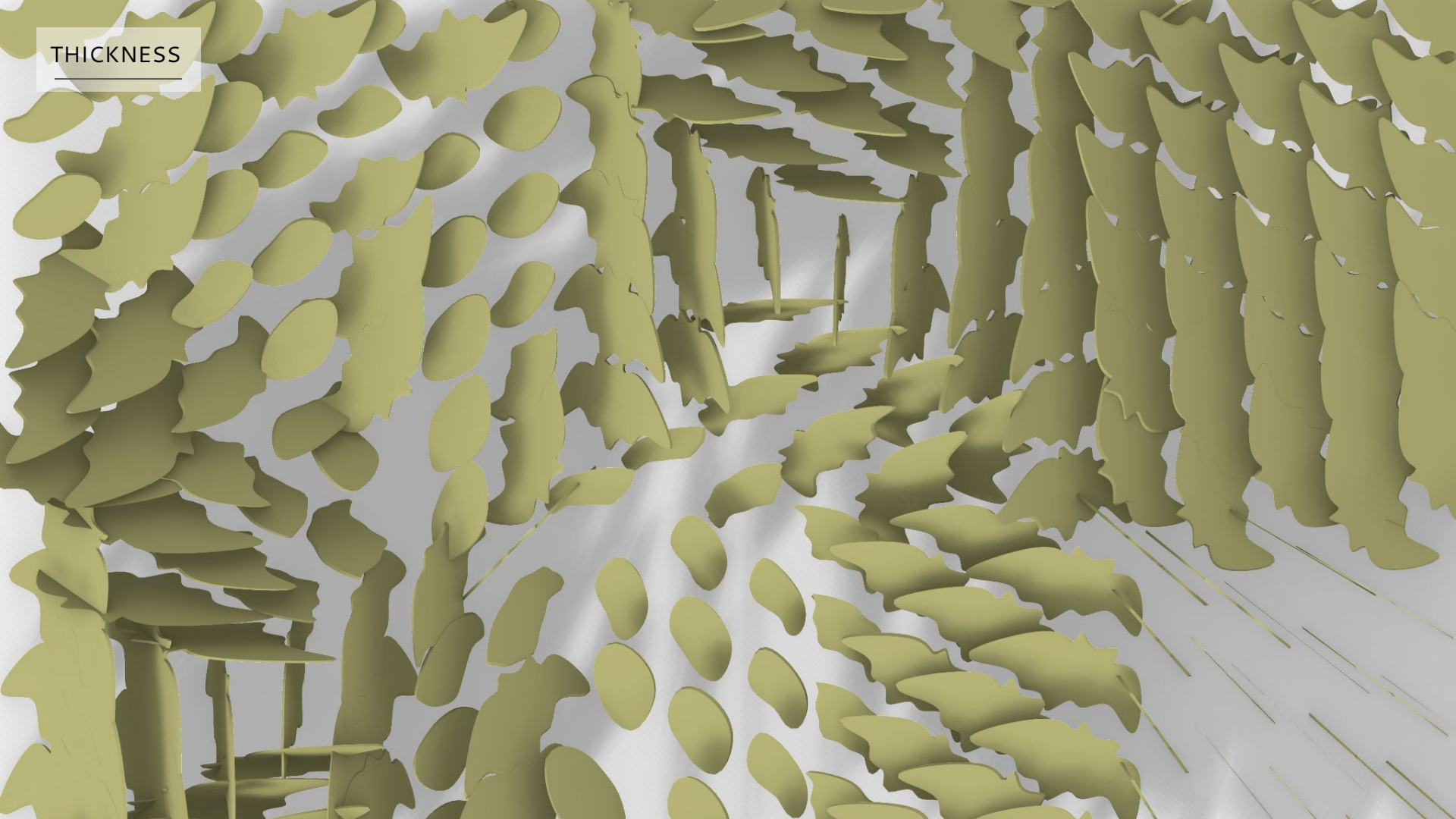
SHAPE

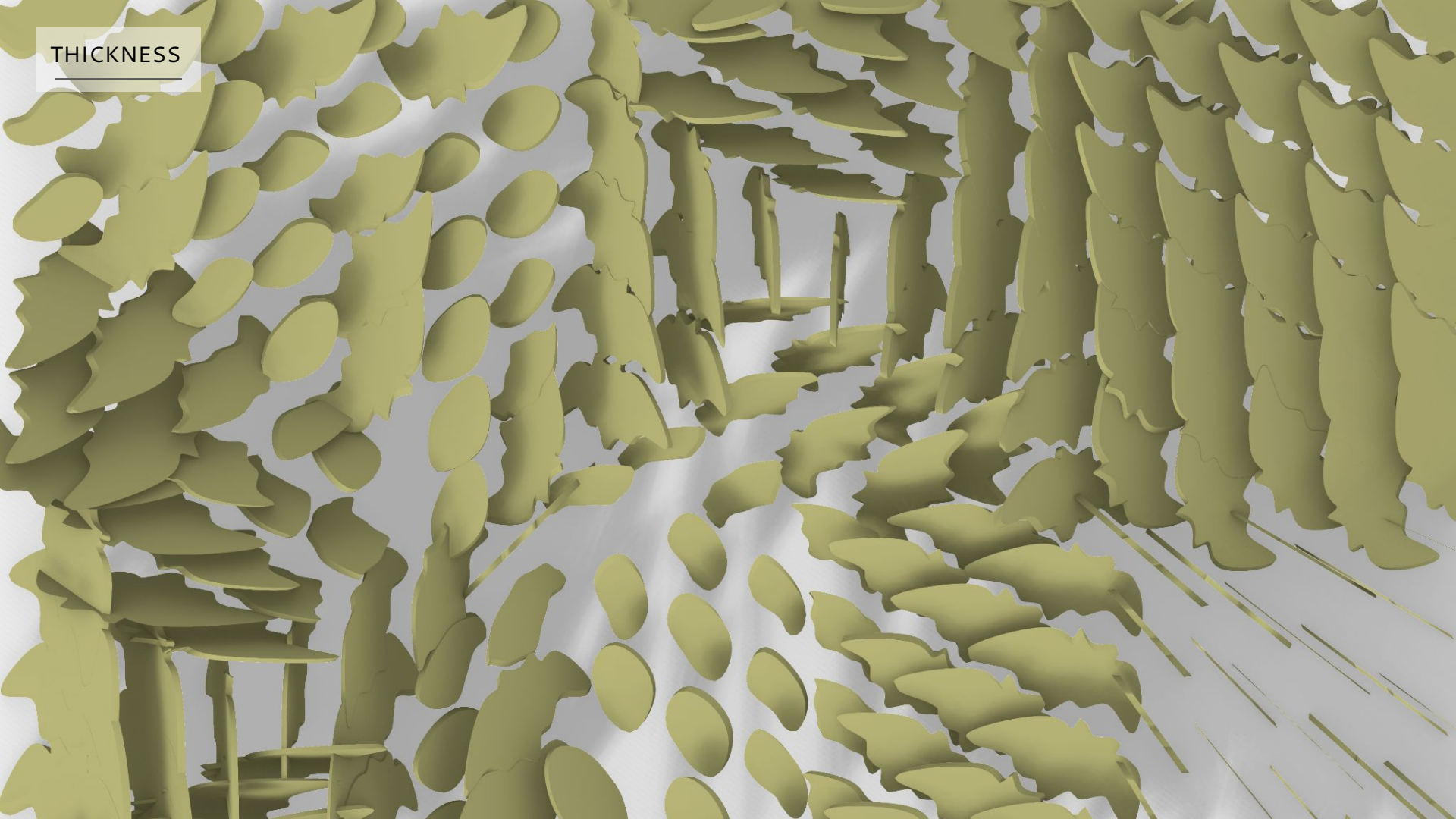


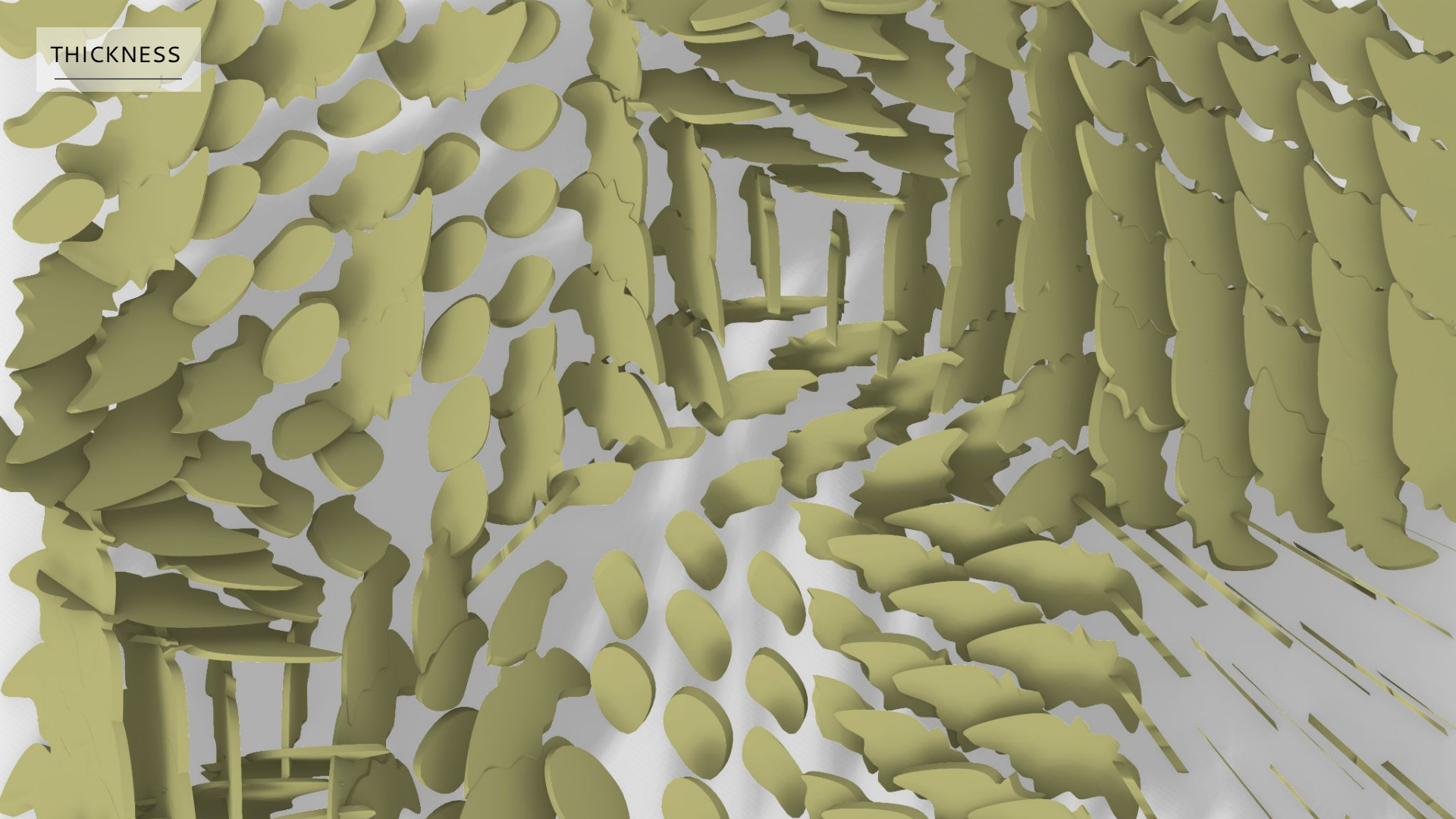
THICKNESS

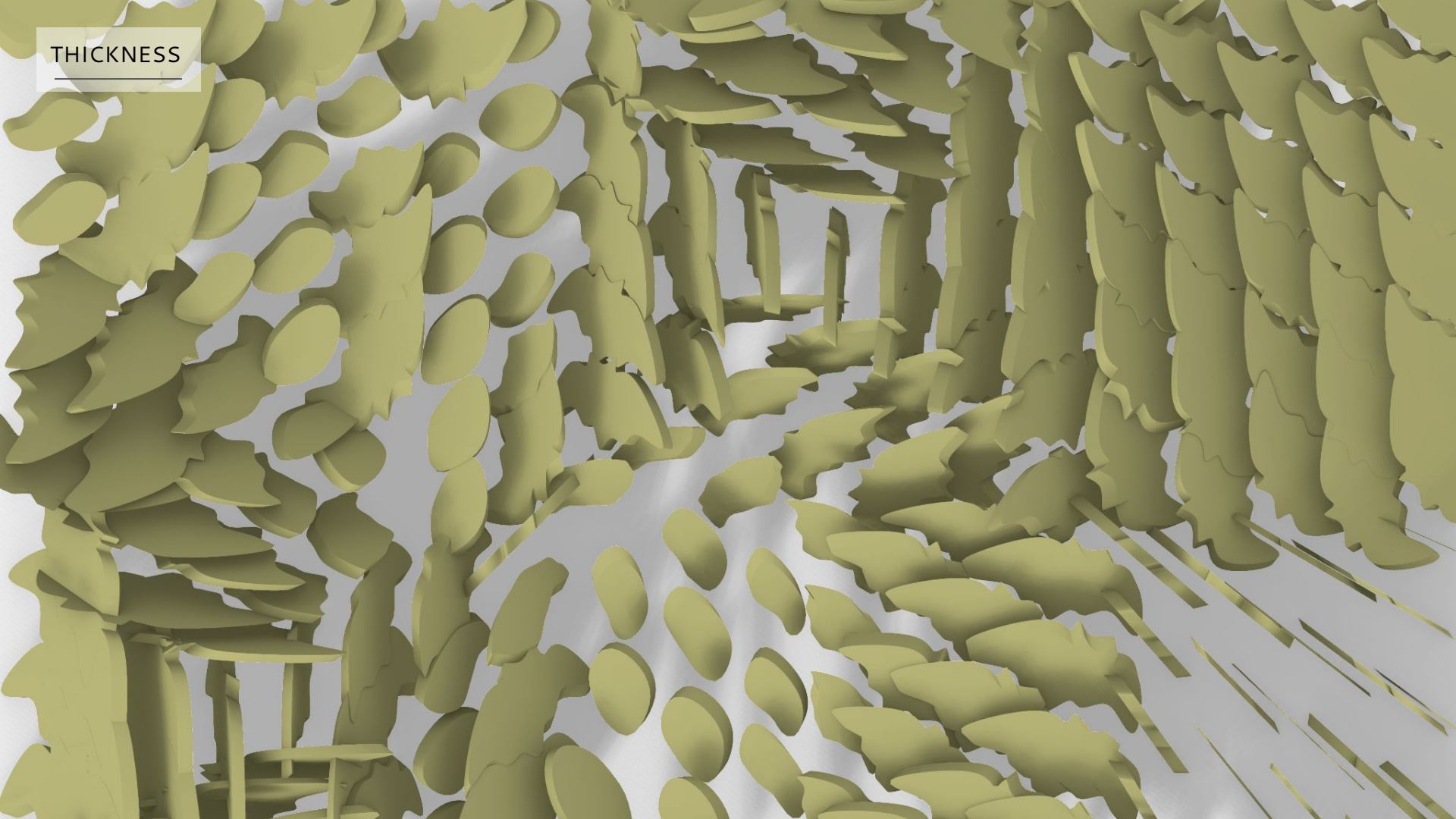

THICKNESS

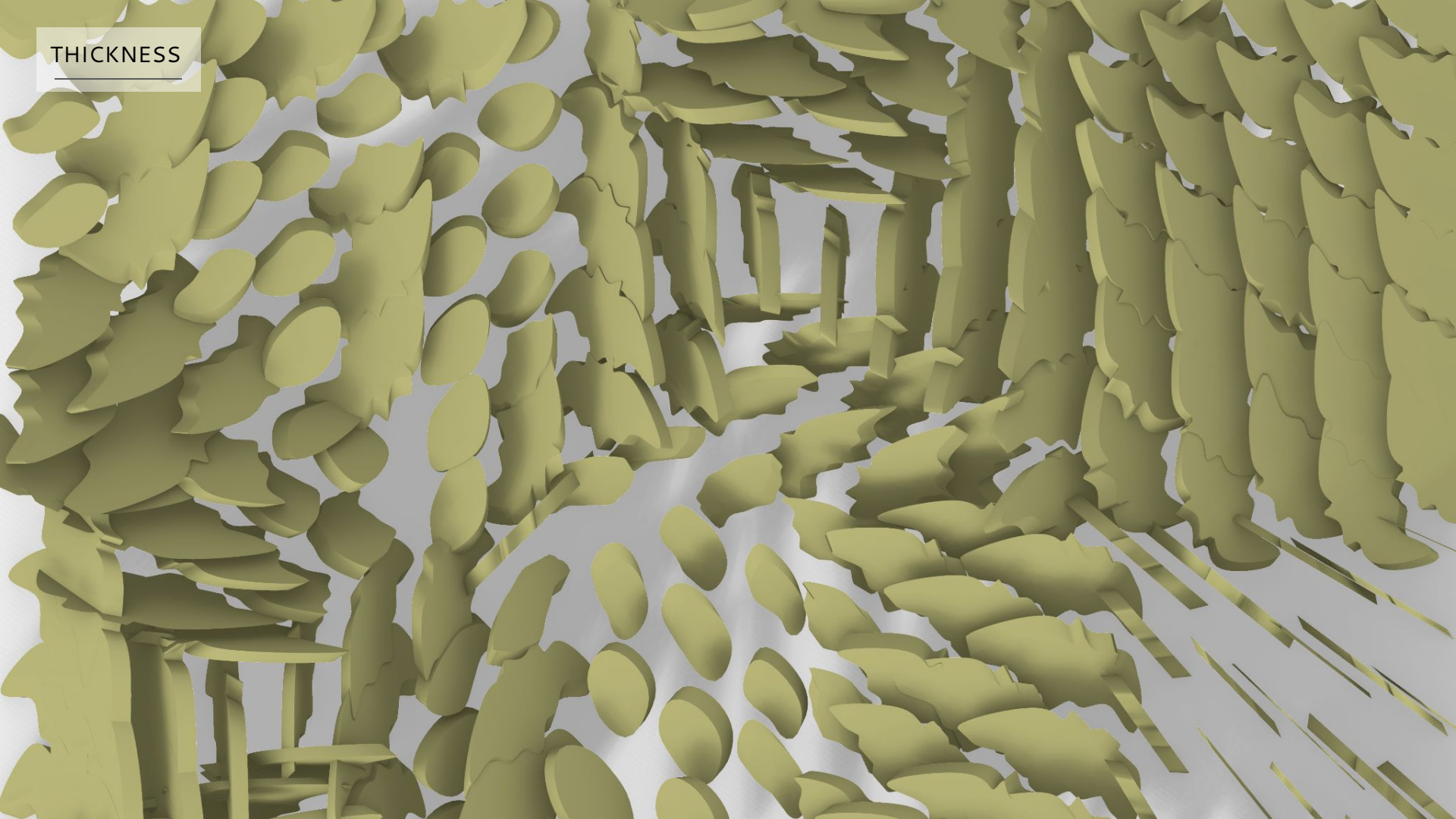
THICKNESS



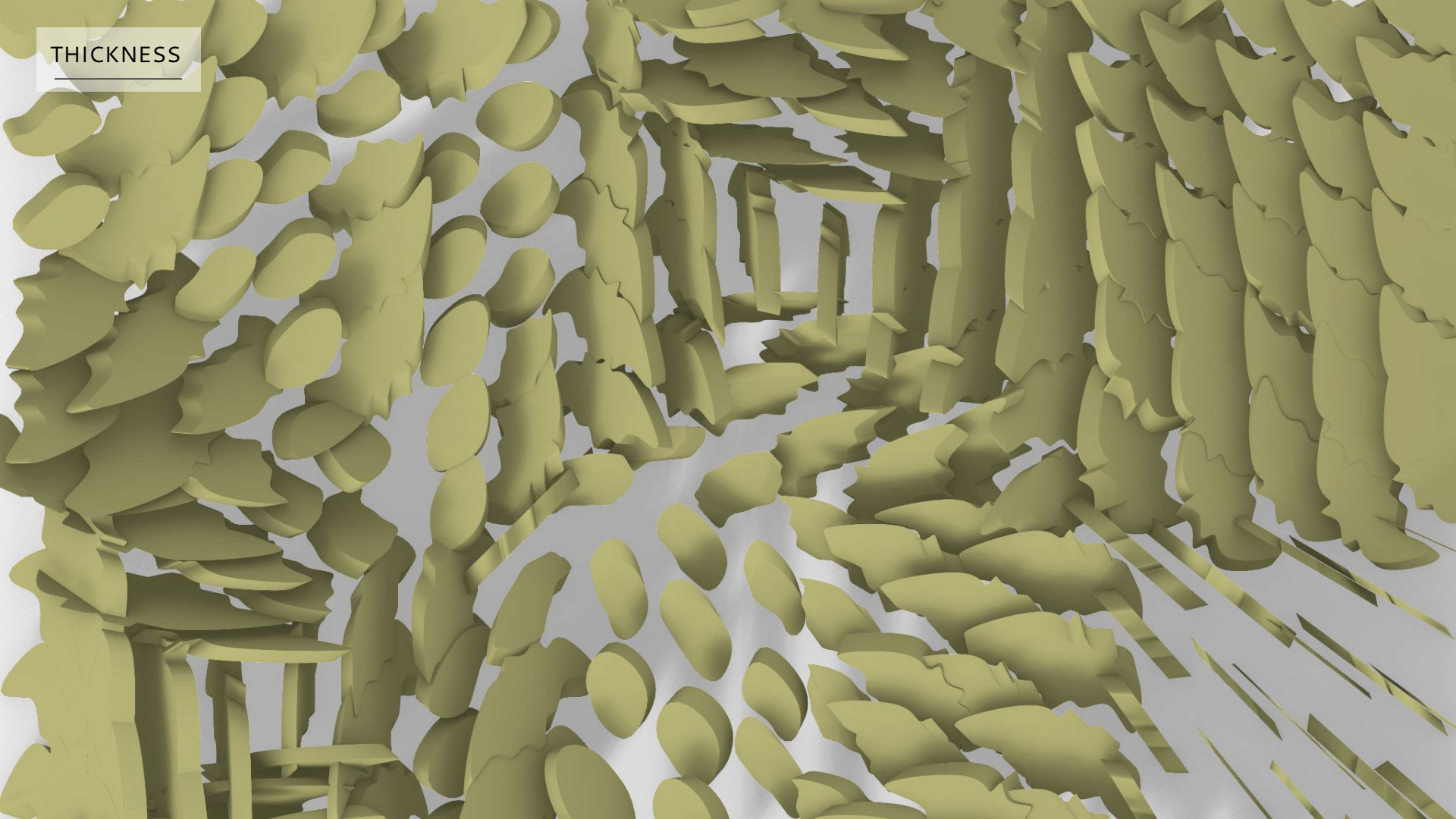

THICKNESS


THICKNESS

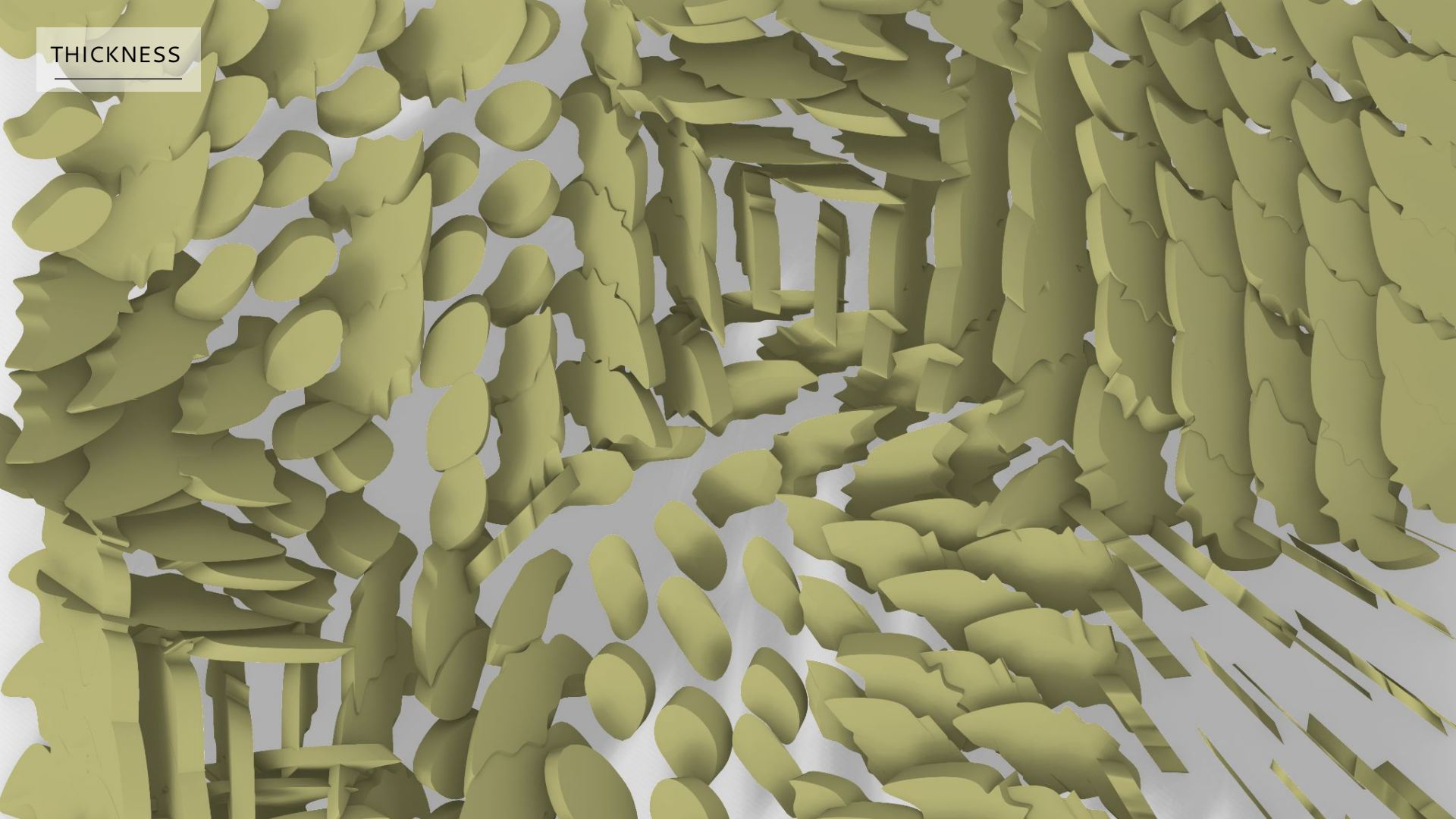

THICKNESS


THICKNESS

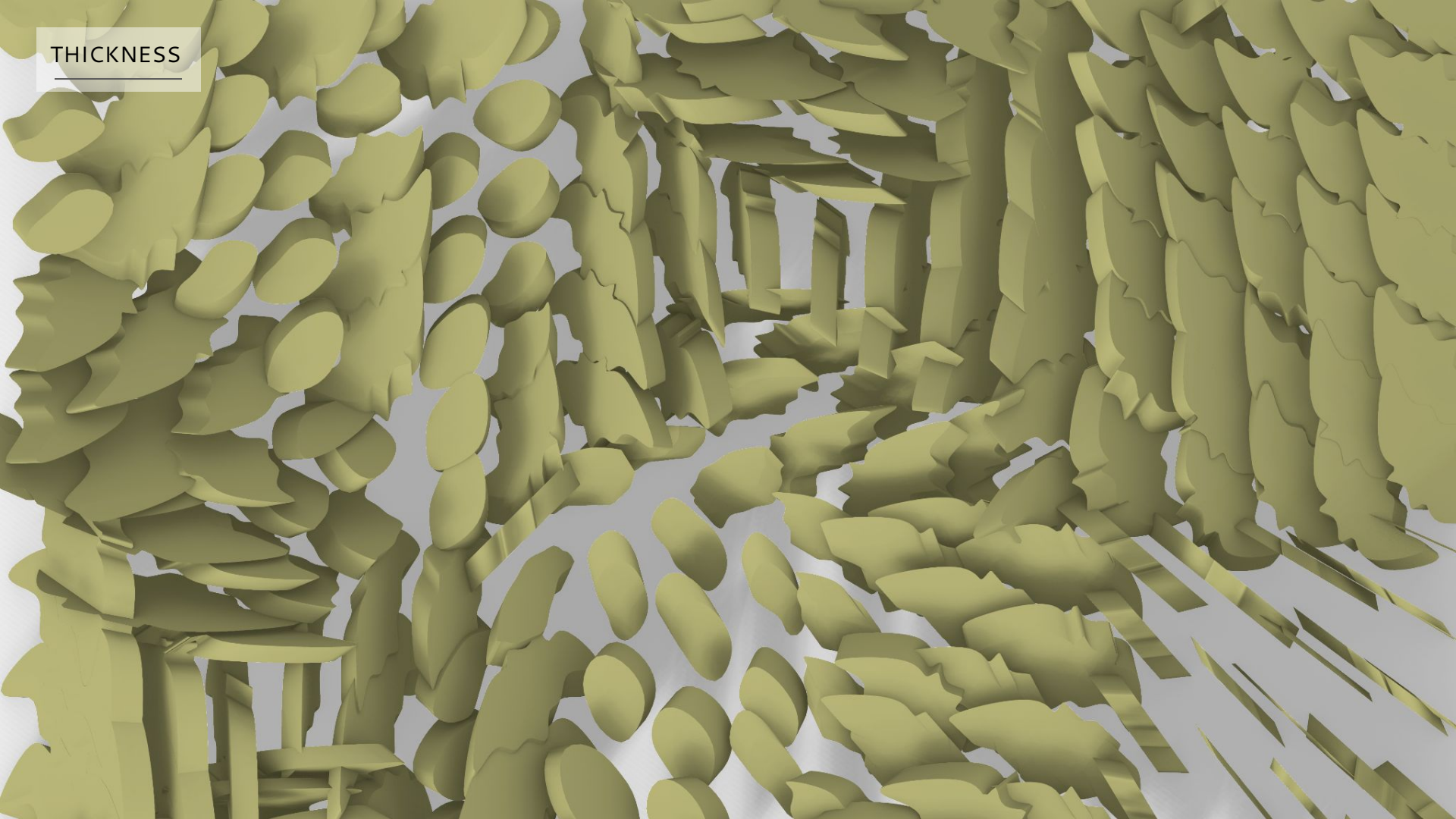
THICKNESS



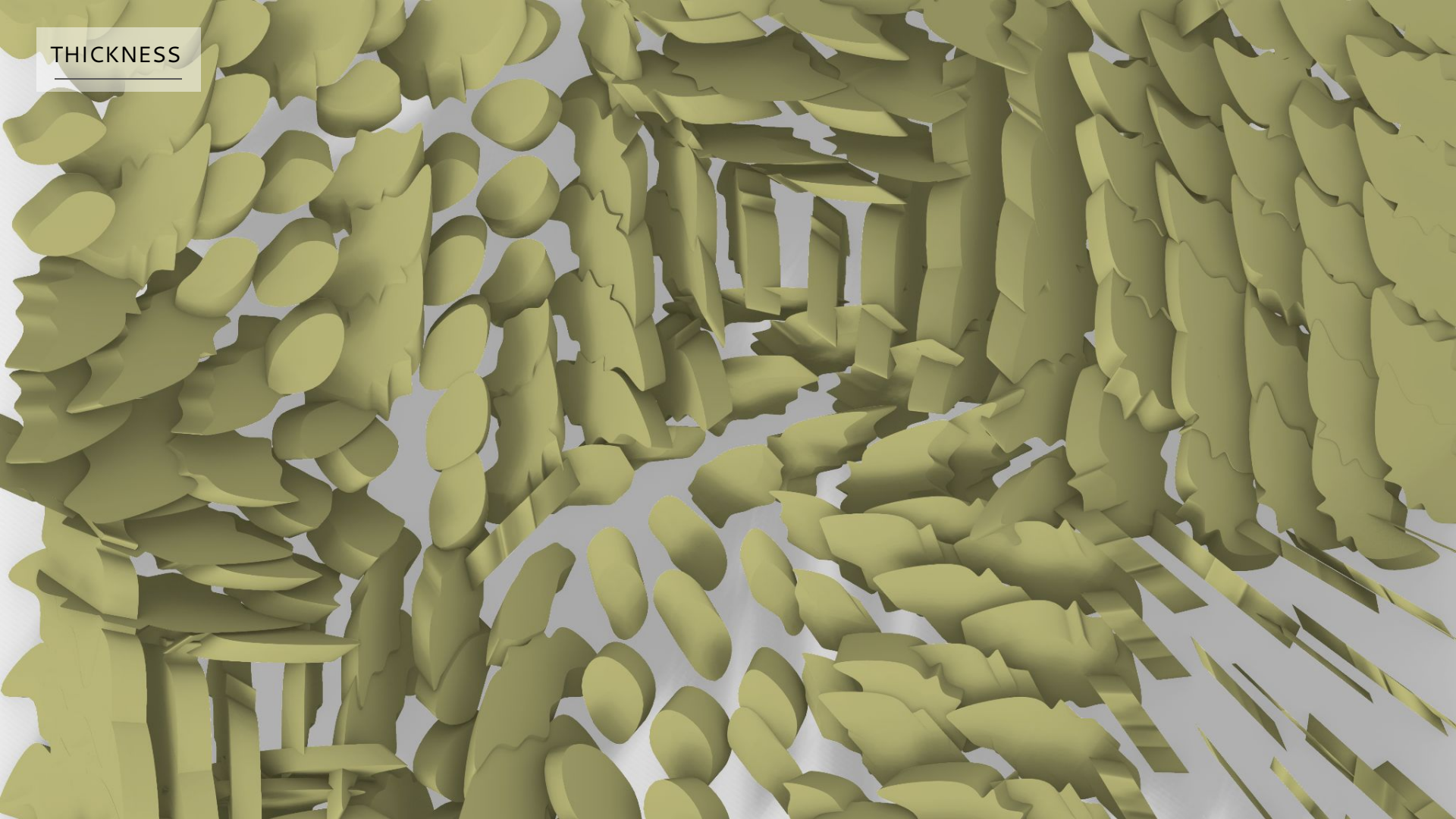
THICKNESS



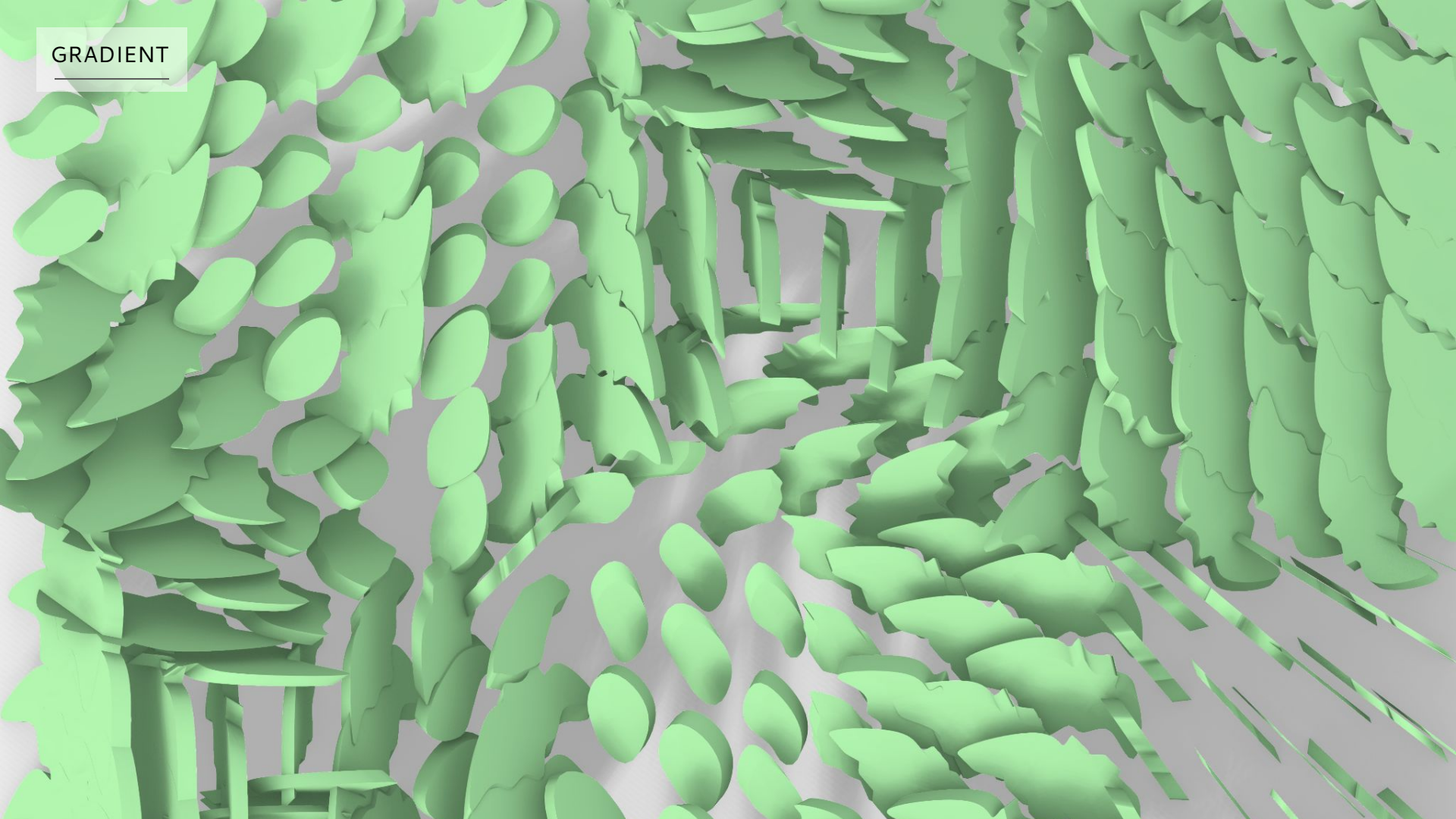
THICKNESS

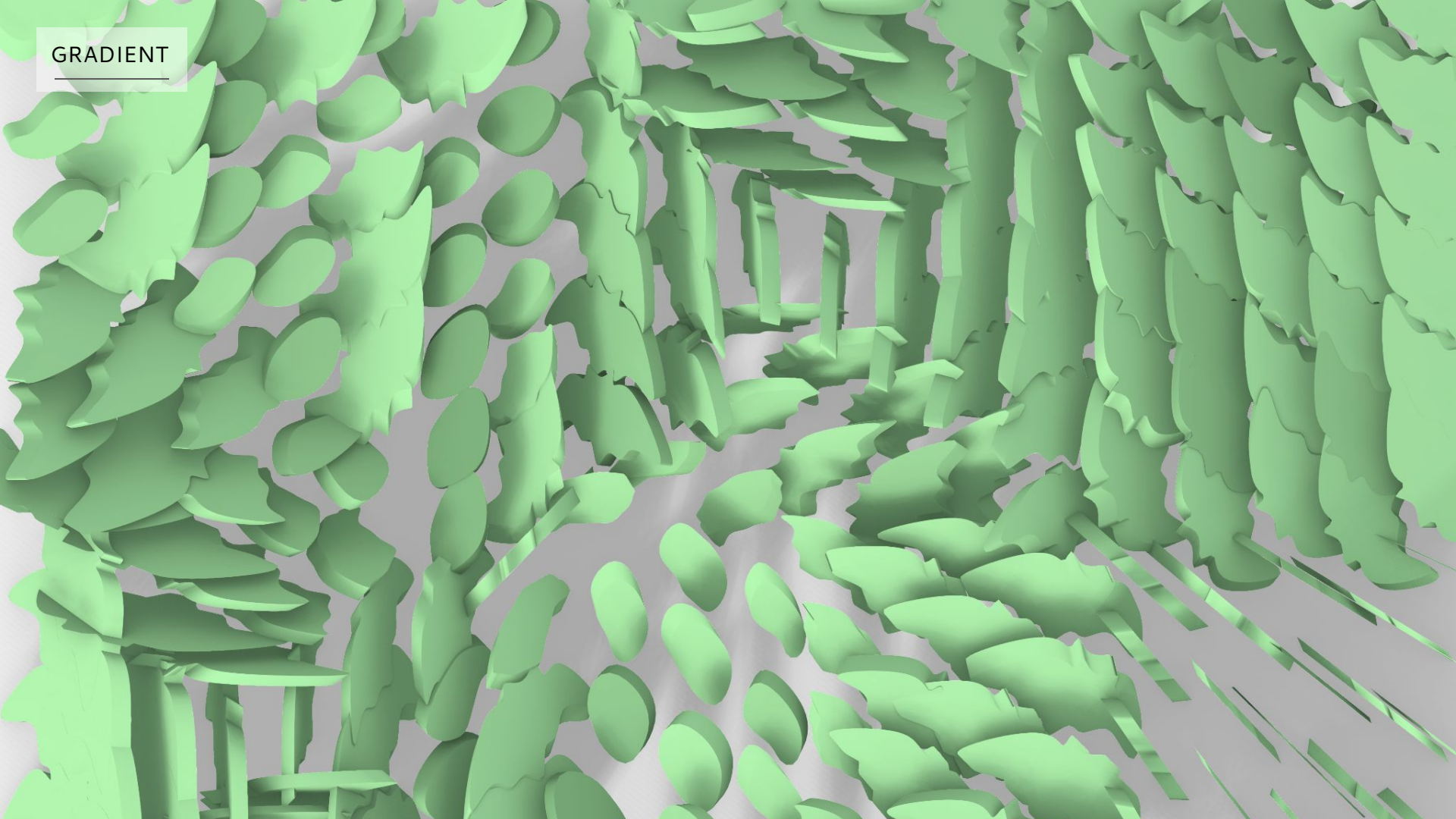


THICKNESS

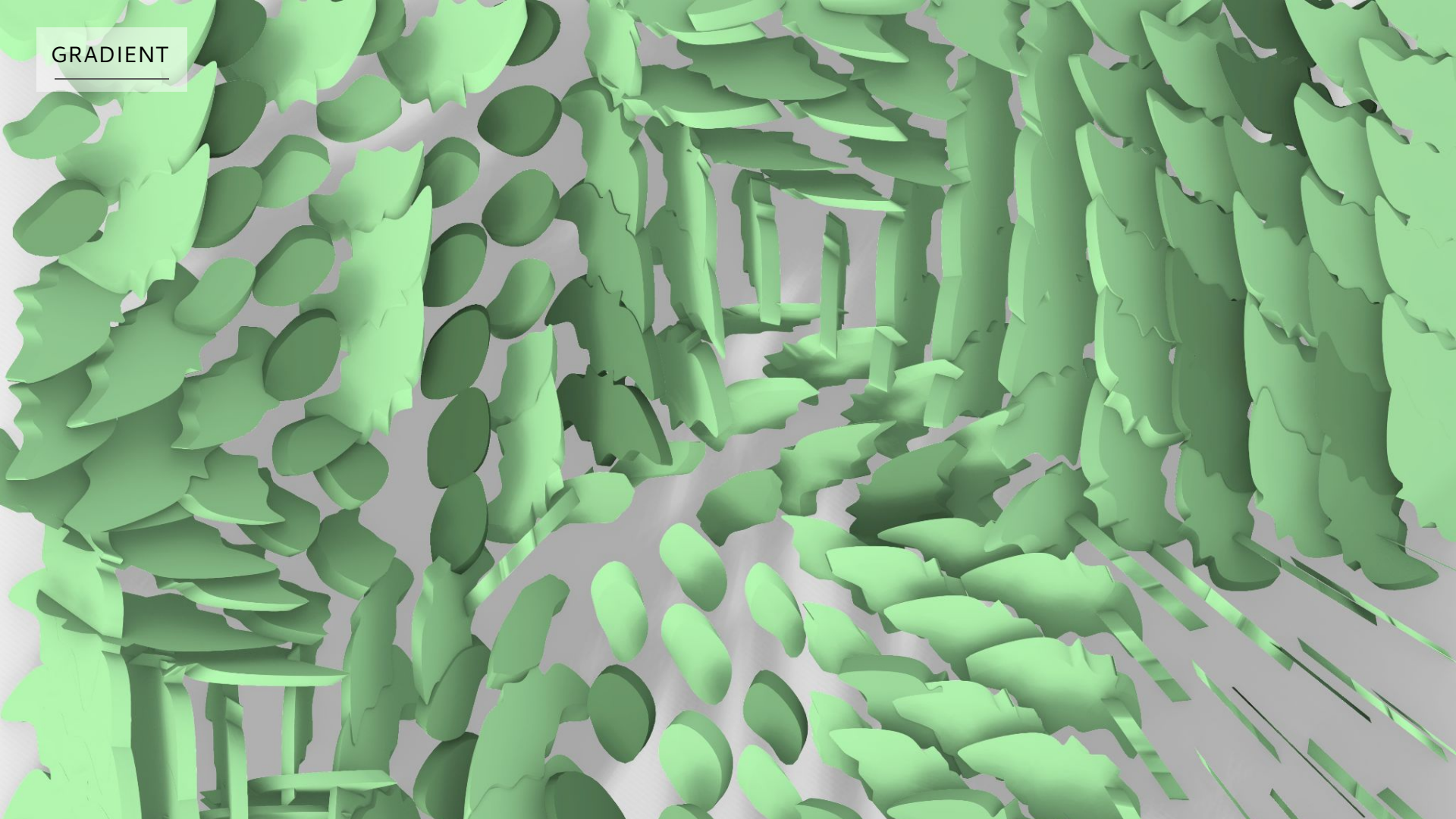


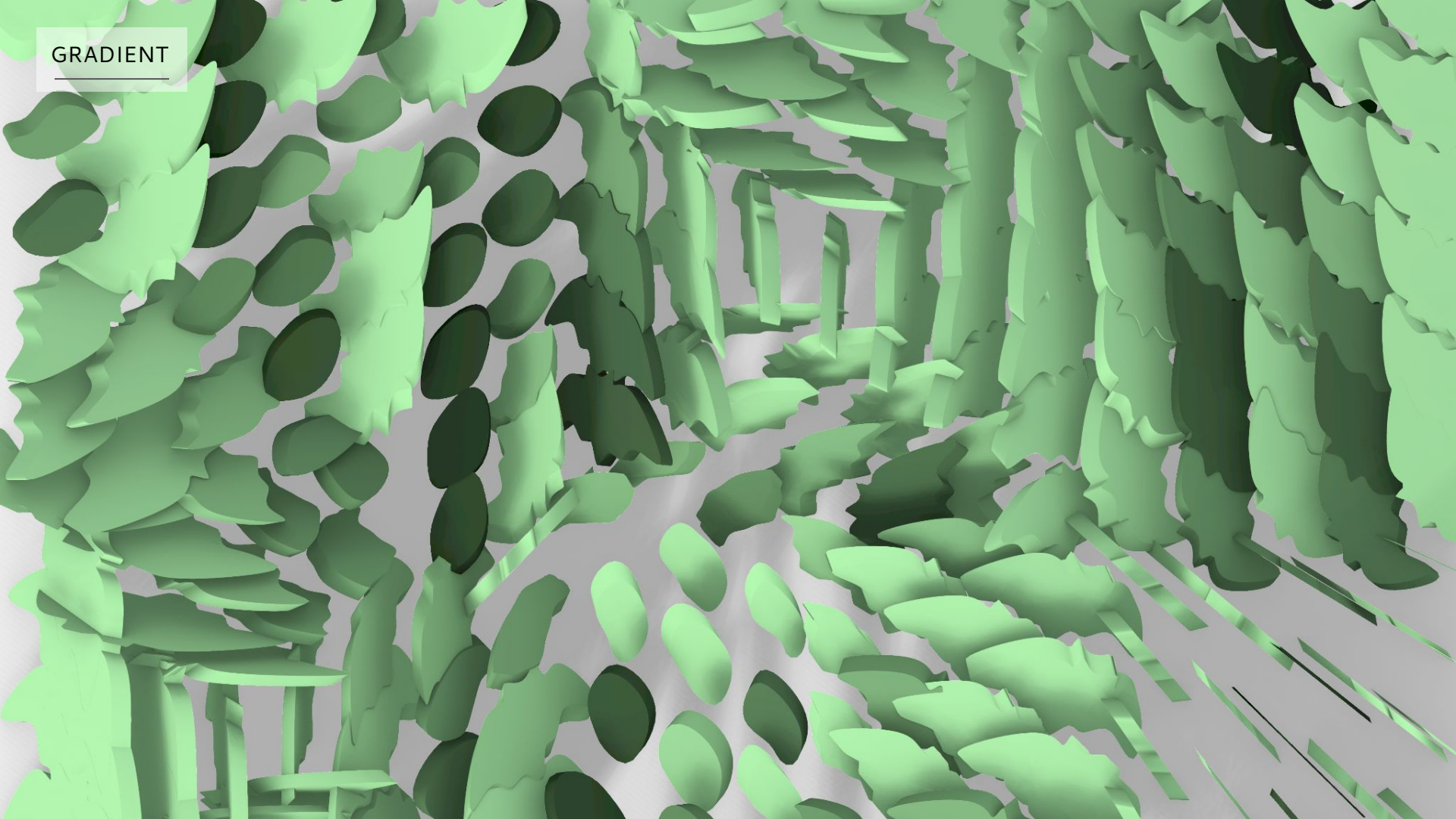
GRADIENT


GRADIENT

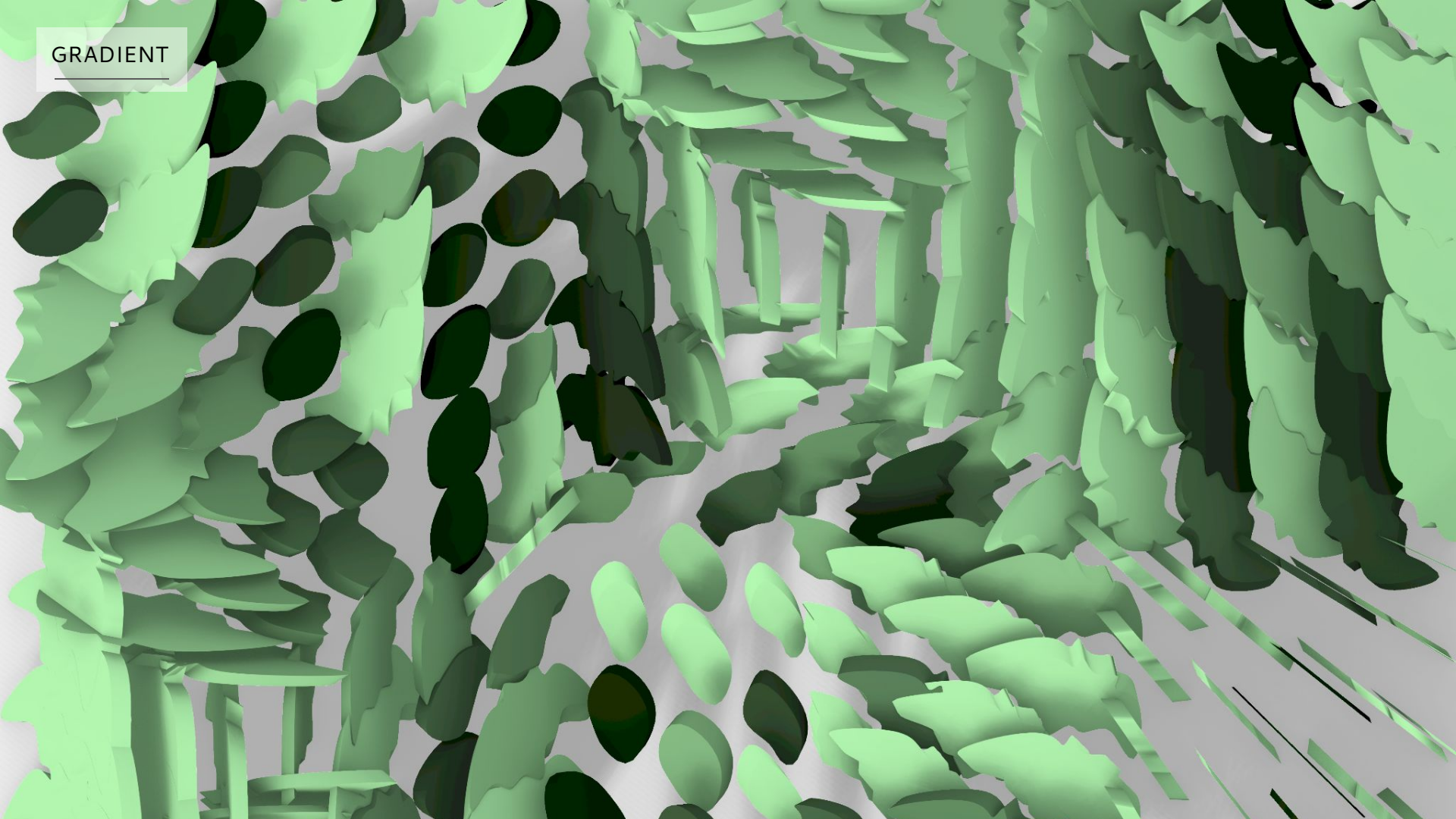

GRADIENT

GRADIENT

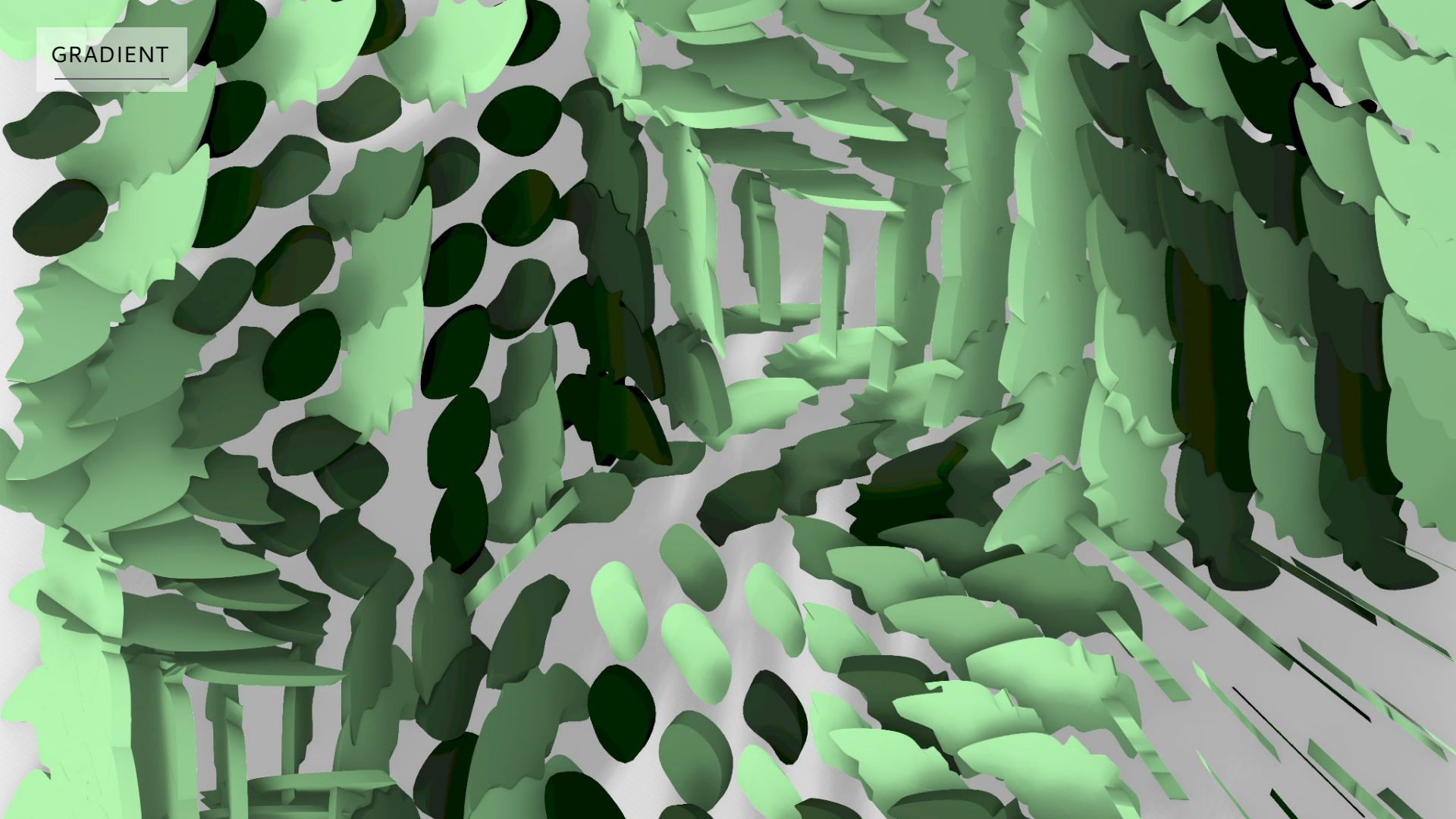


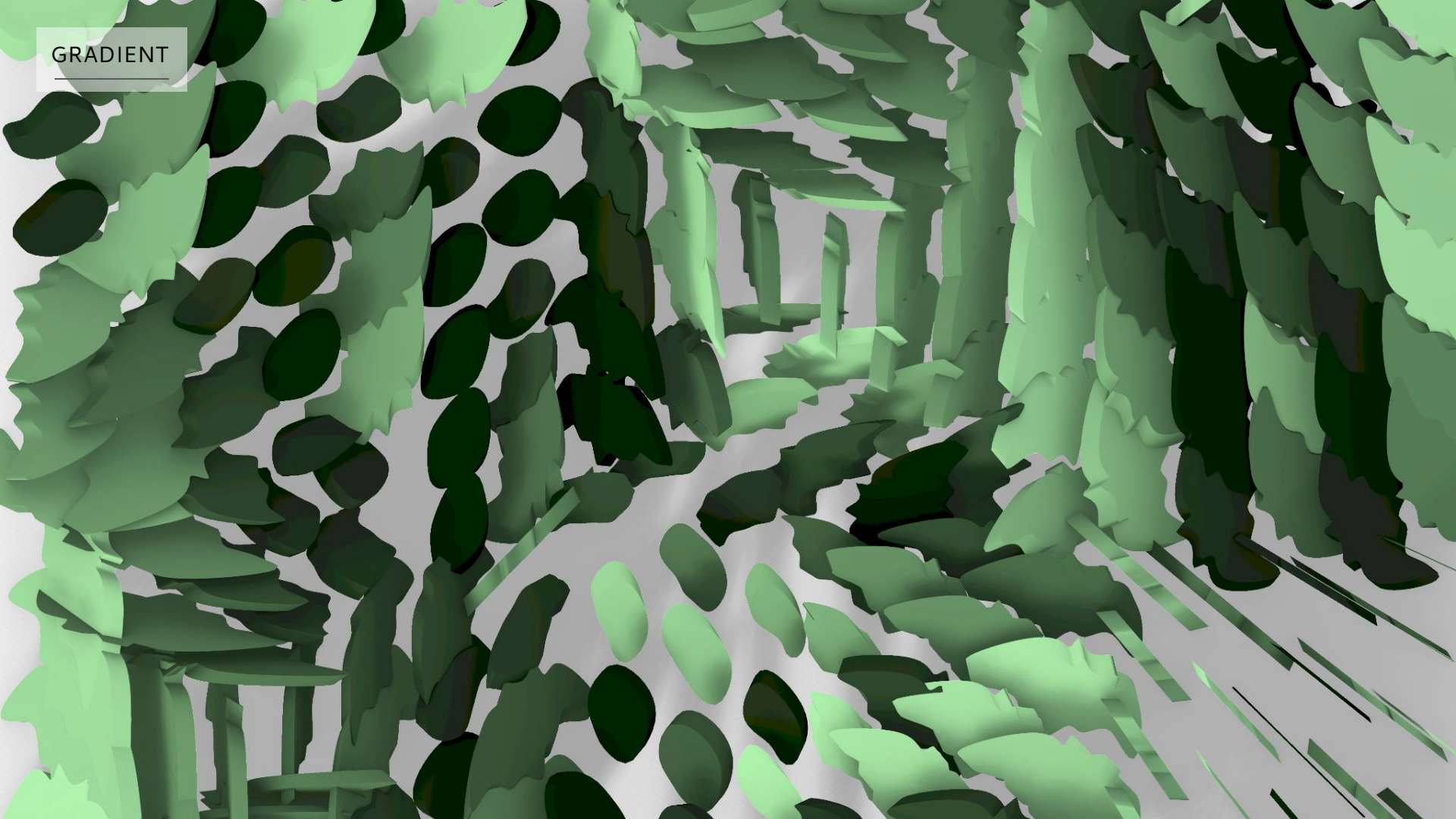

GRADIENT

GRADIENT



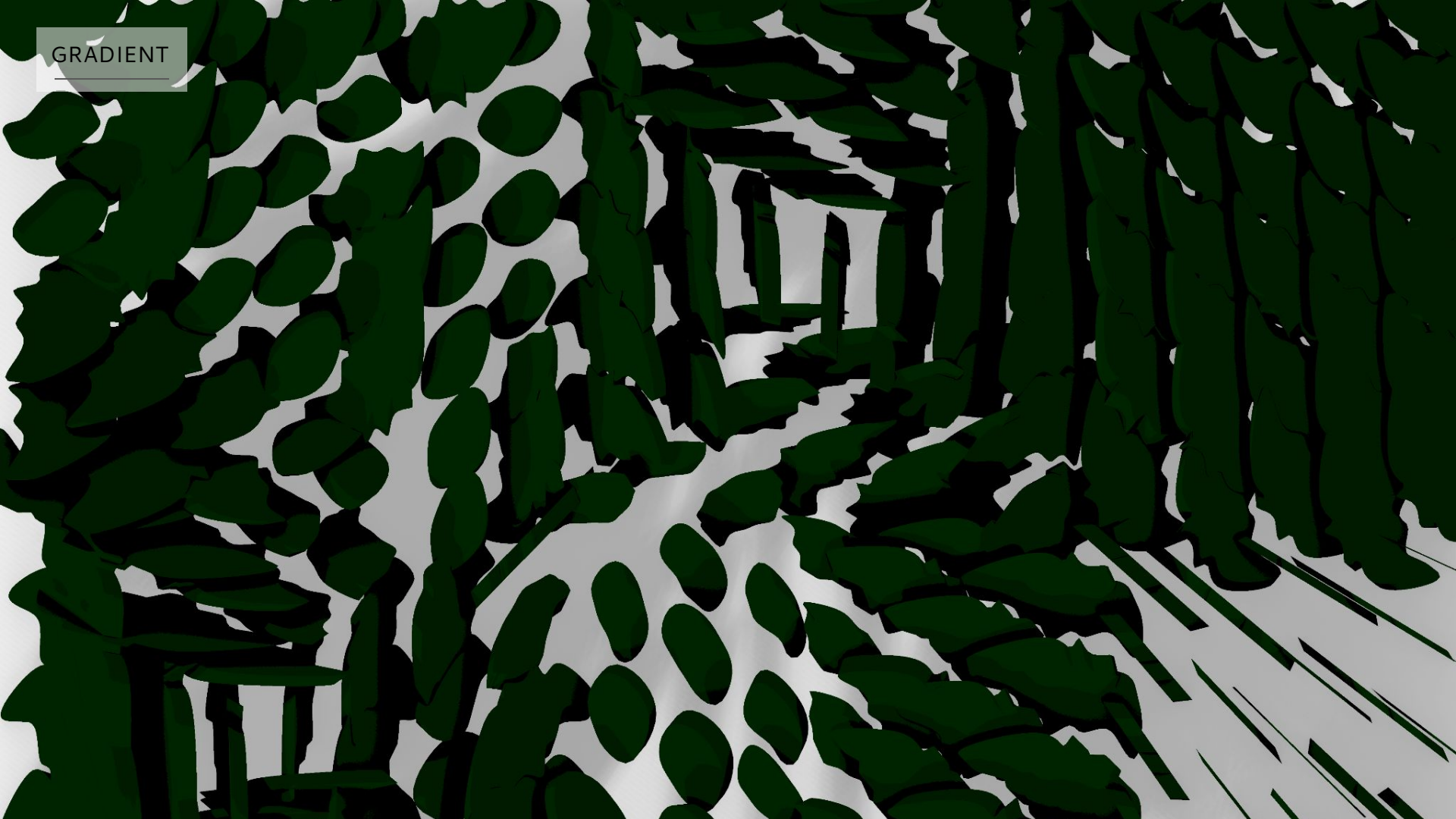
GRADIENT




GRADIENT

GRADIENT

GRADIENT


GRADIENT

THANK YOU!

JOANNE WU
INT-731 PARAMETRICS
PROF. BENJAMIN HOWES