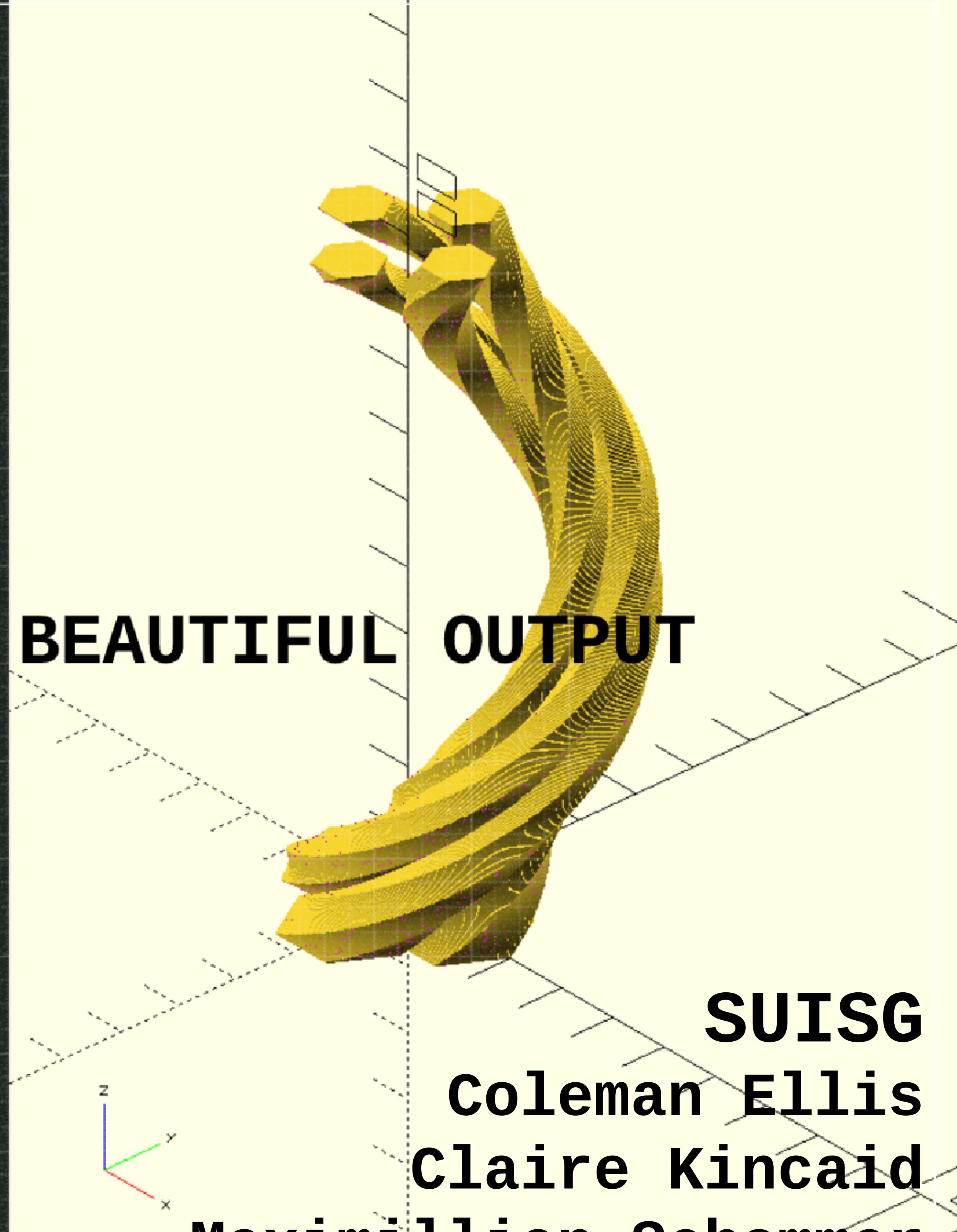


```
1 from Geometry import *
2
3 hex1 = n_Sided_Polygon(6,10,(10,0))
4 hex2 = n_Sided_Polygon(6,10,(0,10))
5 hex3 = n_Sided_Polygon(6,10,(-10,0))
6 hex4 = n_Sided_Polygon(6,10,(0,-10))
7
8 rot1 = Rotation(120,None)
9 rot2 = Rotation(360, (9,9))
10 dill1 = Dilation(.5)
11 dil2 = Inward_Harmonic_Dilation(0.5,(0,0))
12
13 transformations = [rot1,rot2,dill1,dil2]
14
15 anim = Animation(hex1,transformations)
16 anim.add_shape(hex2,transformations)
17 anim.add_shape(hex3,transformations)
18 anim.add_shape(hex4,transformations)
19
20 anim.write_to_scad()
```

**SIMPLE INPUT**

**BEAUTIFUL OUTPUT**



**SUISG**  
**Coleman Ellis**  
**Claire Kincaid**  
**Maximillian Schommer**