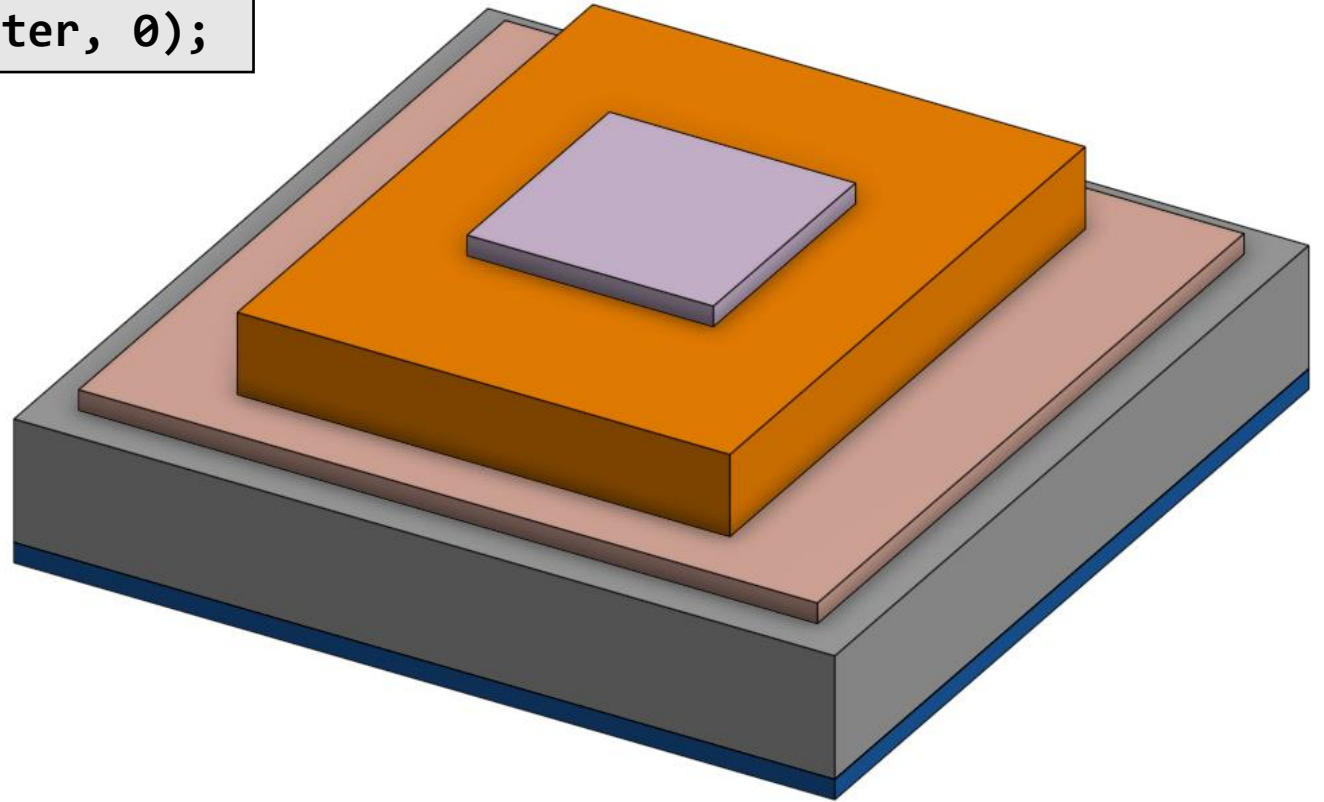


# **ThermalStackFEA**

**Nathan Chung**

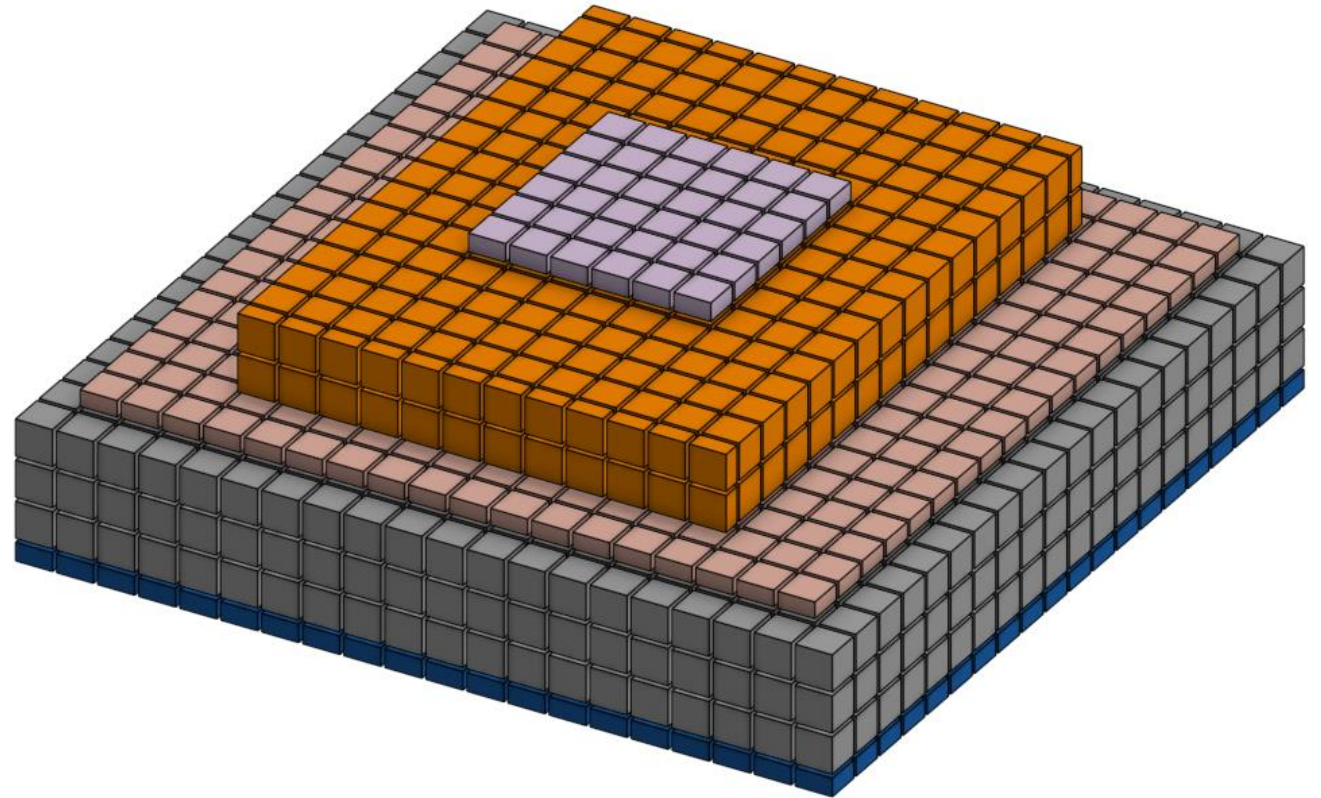
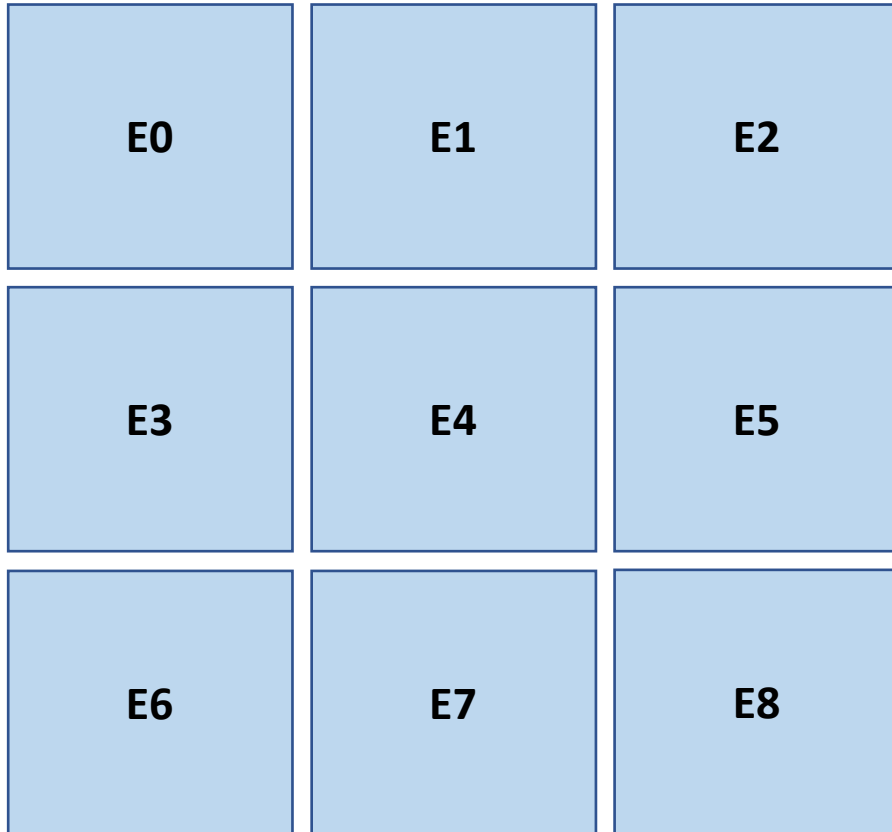
**May 12, 2018**

```
myStack.addBlock(5, 5, 0.5, silicon, 100);  
myStack.addBlock(12, 15, 2, copper, 0);  
myStack.addBlock(18, 18, 0.5, tim, 0);  
myStack.addBlock(20, 20, 3, aluminum, 0);  
myStack.addBlock(20, 20, meshSize, water, 0);
```



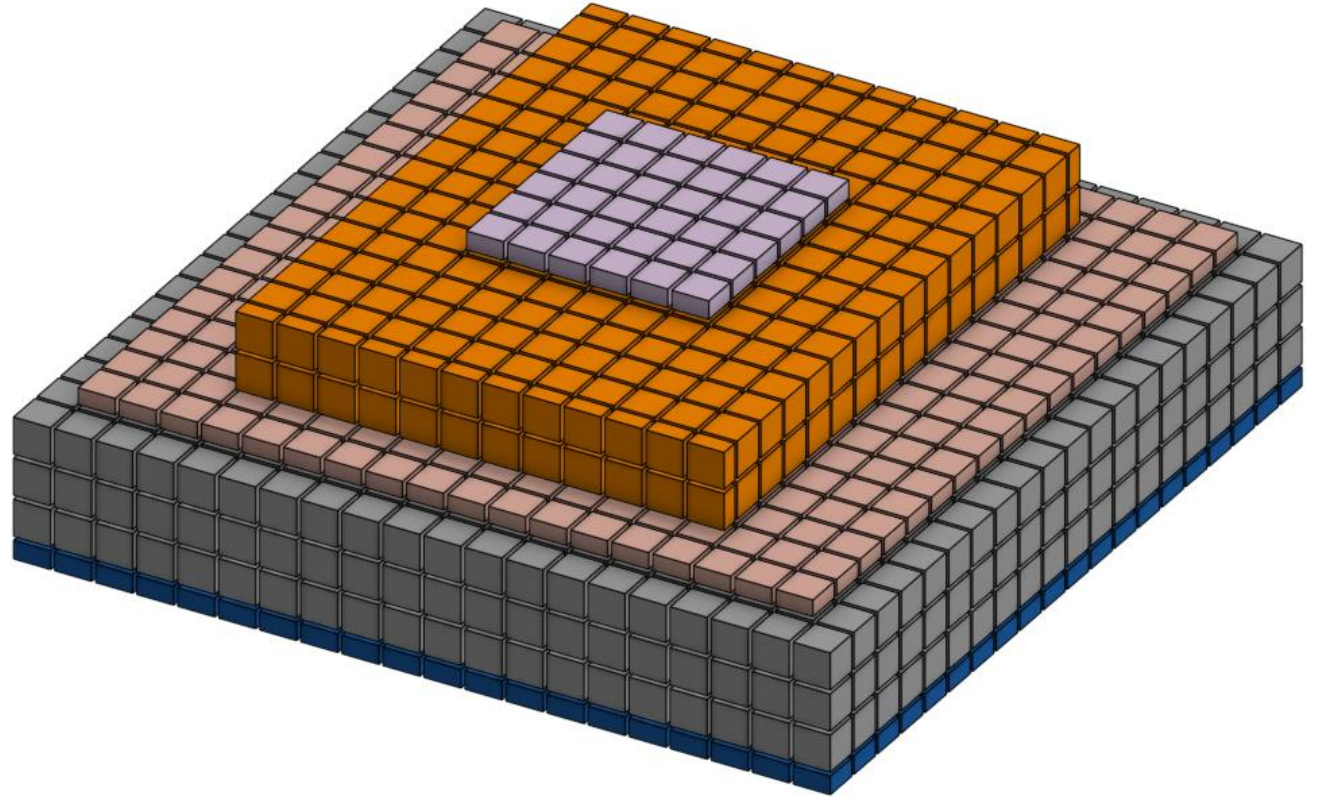
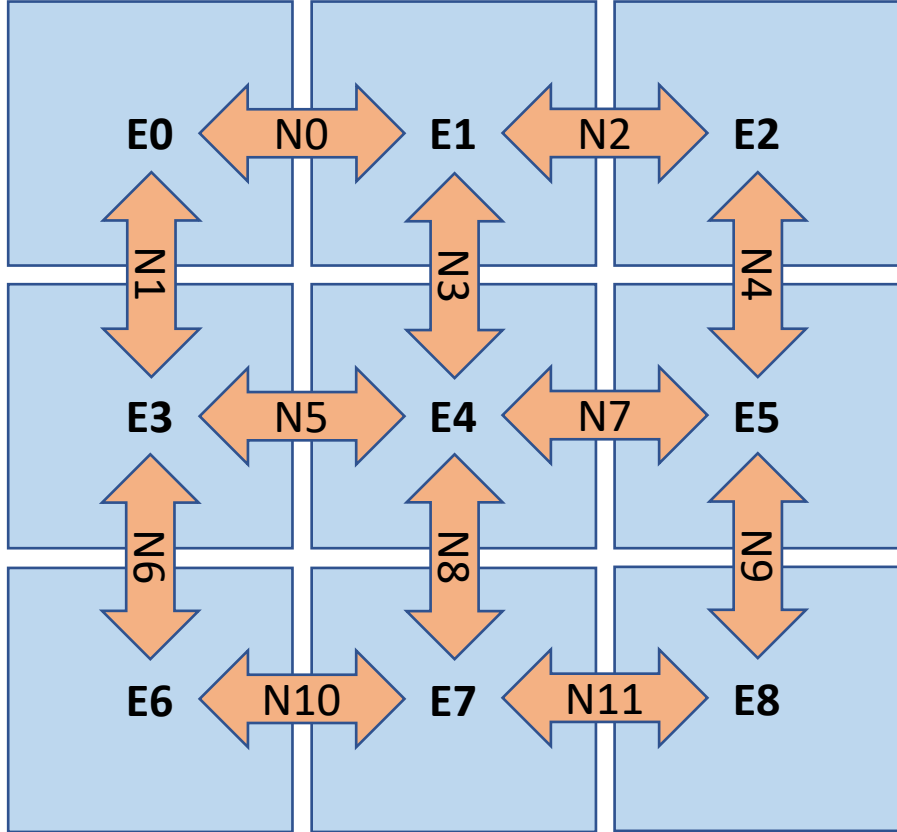
ThermalStackFEA does not output 3D models  
3D models shown were created for illustration purposes only

```
myStack.mesh();
```



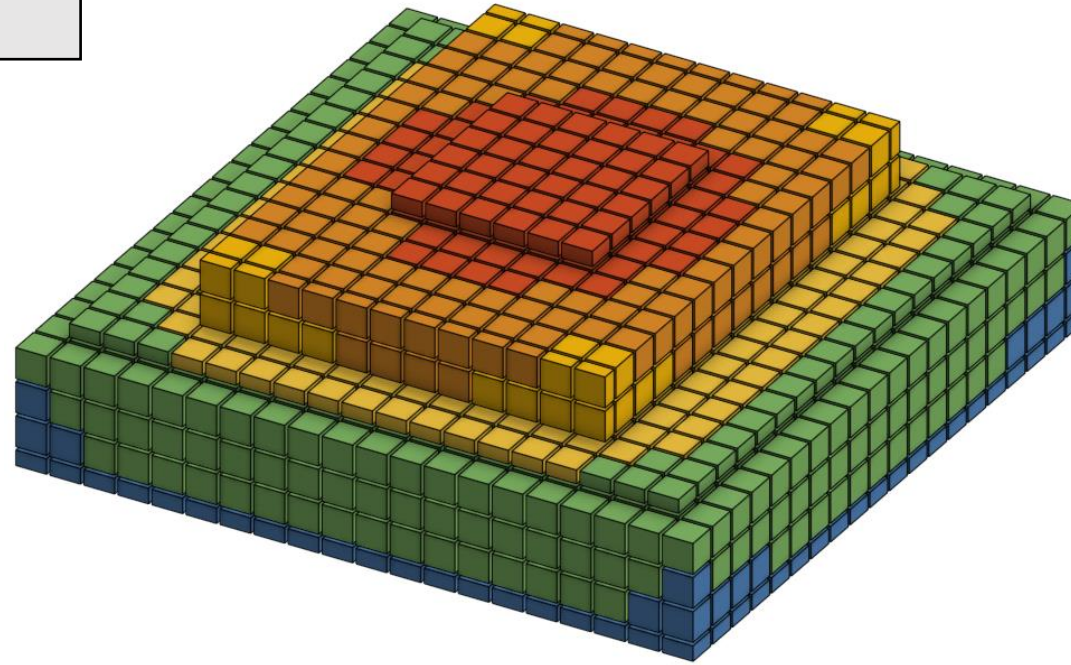
ThermalStackFEA does not output 3D models  
3D models shown were created for illustration purposes only

```
myStack.mesh();
```



ThermalStackFEA does not output 3D models  
3D models shown were created for illustration purposes only

```
myStack.solve();
```



N0	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11
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Calculate Physics/Element Interactions

Apply  
Element  
Interactions

Time Step

ThermalStackFEA does not output 3D models  
3D models shown were created for illustration purposes only