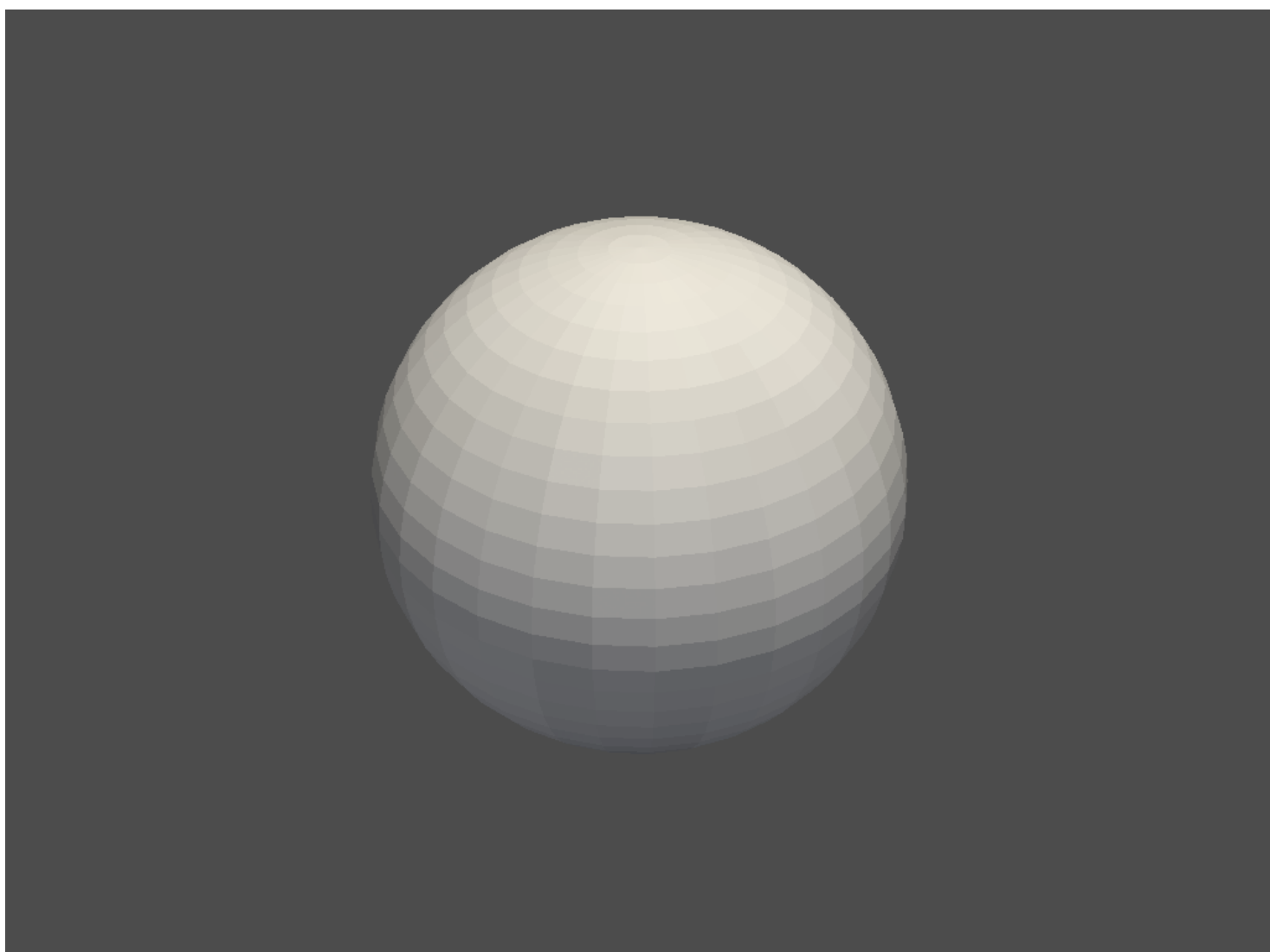


```
# Hello, world!

import pyvista as pv

sphere = pv.Sphere()
sphere.plot()
```



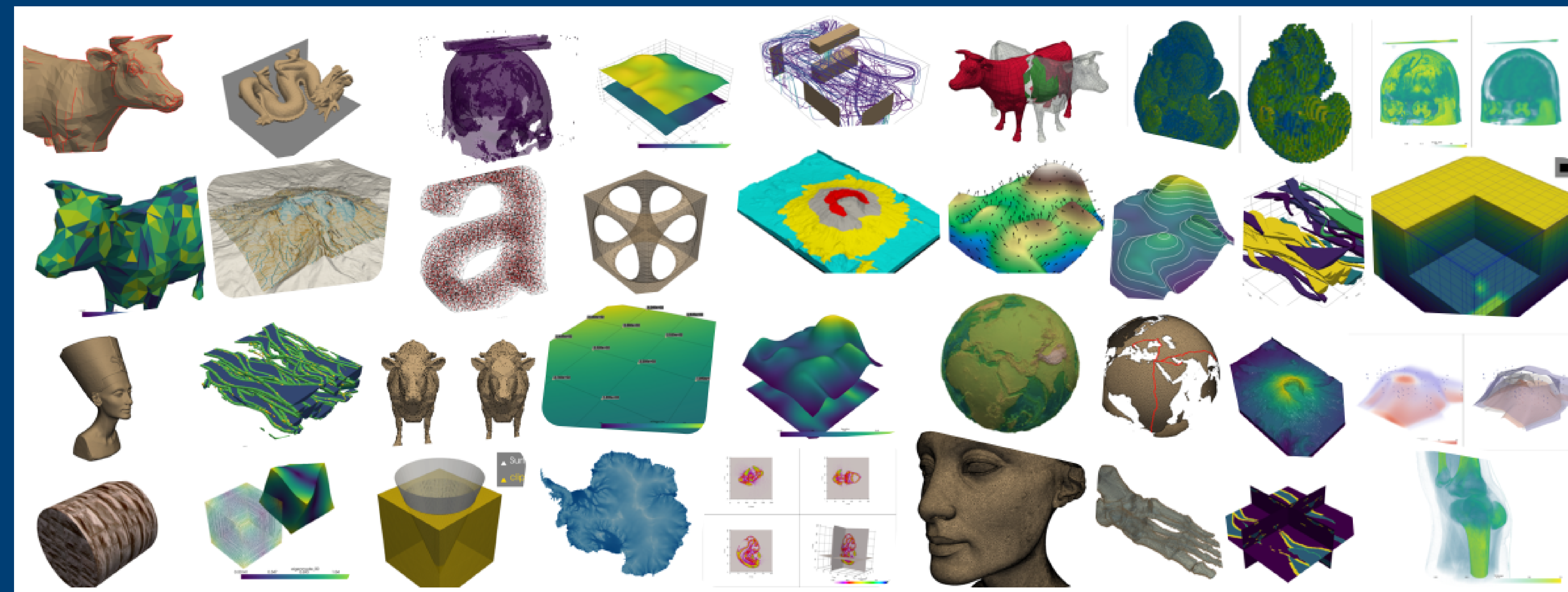
```
# We can plot the planet

plotter = pv.Plotter()
plotter.add_mesh(saturn)
plotter.add_mesh(rings)
plotter.show()
```

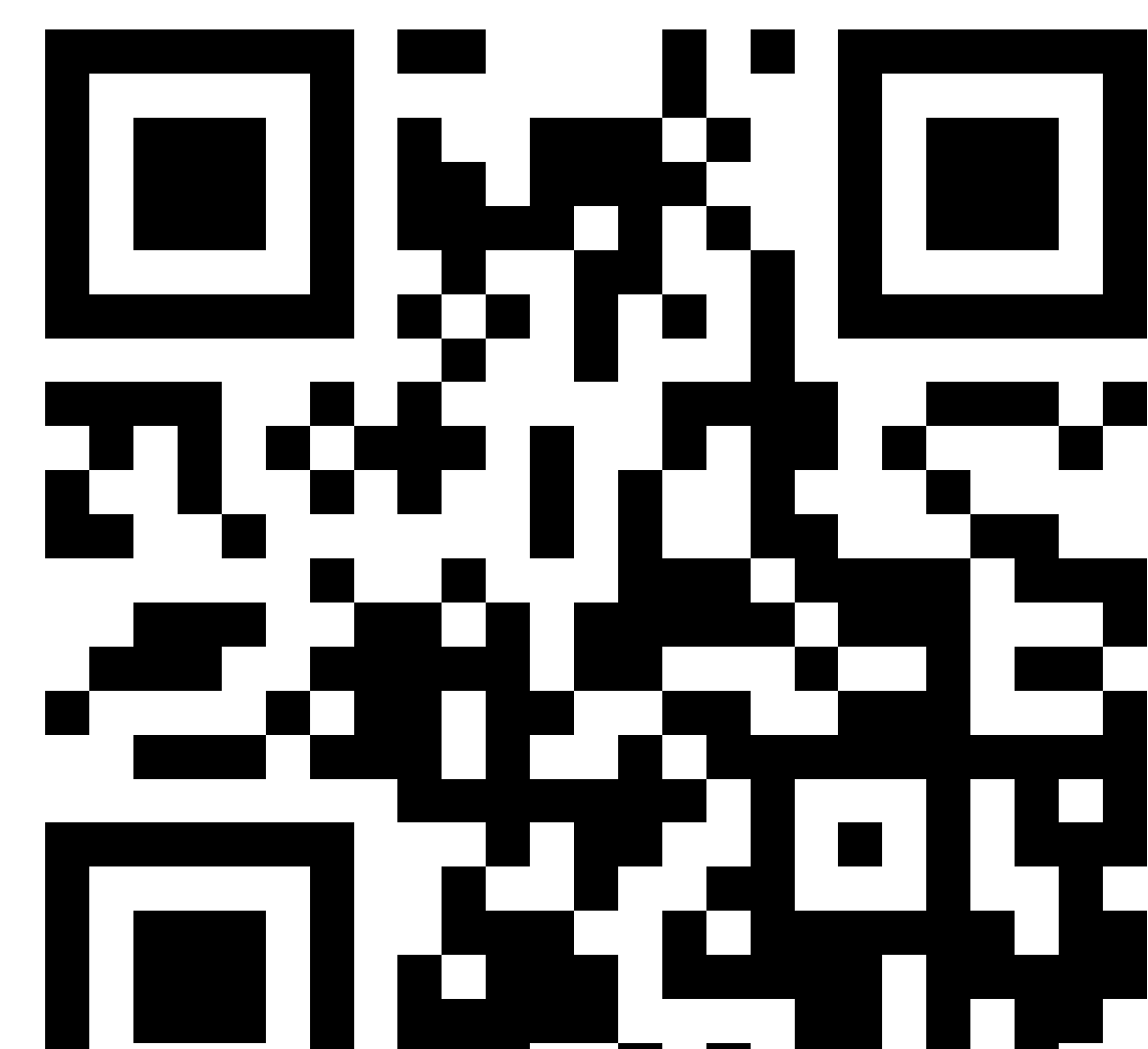


```
# and the atom!

grid.plot(
    volume=True,
    opacity=[1, 0, 1],
    cmap="magma",
)
```

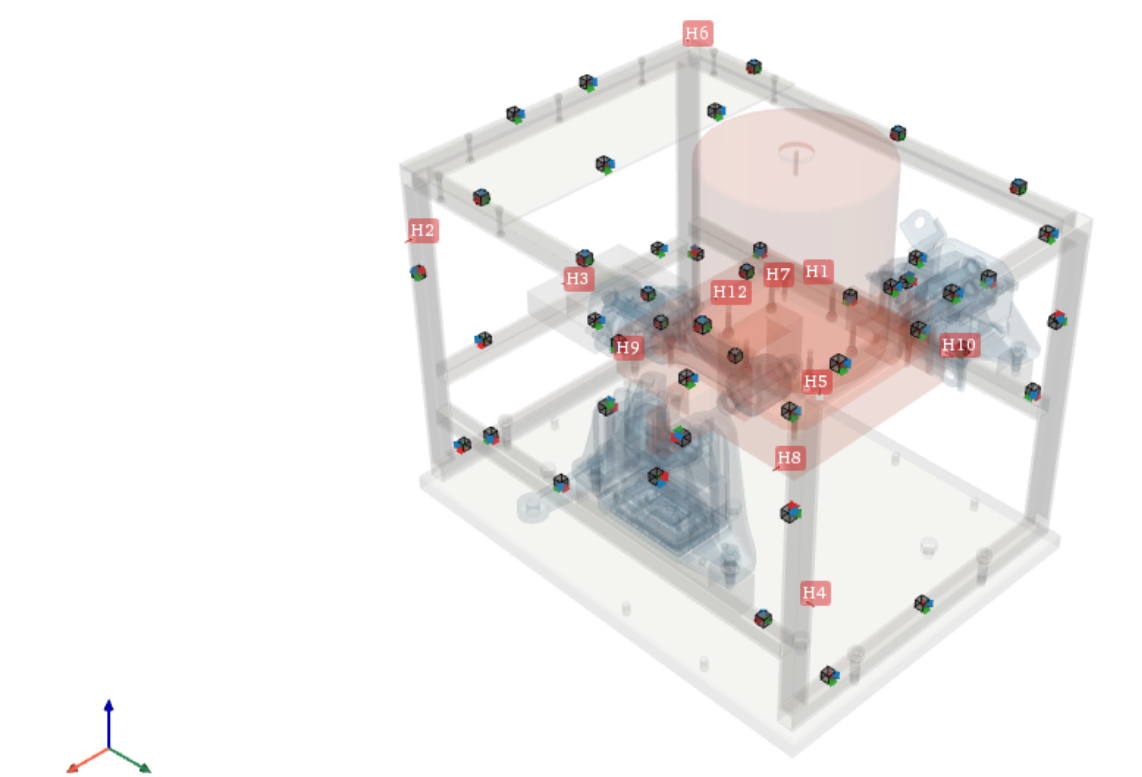


# 3D plotting and mesh analysis through a streamlined interface for the Visualization Toolkit (VTK)

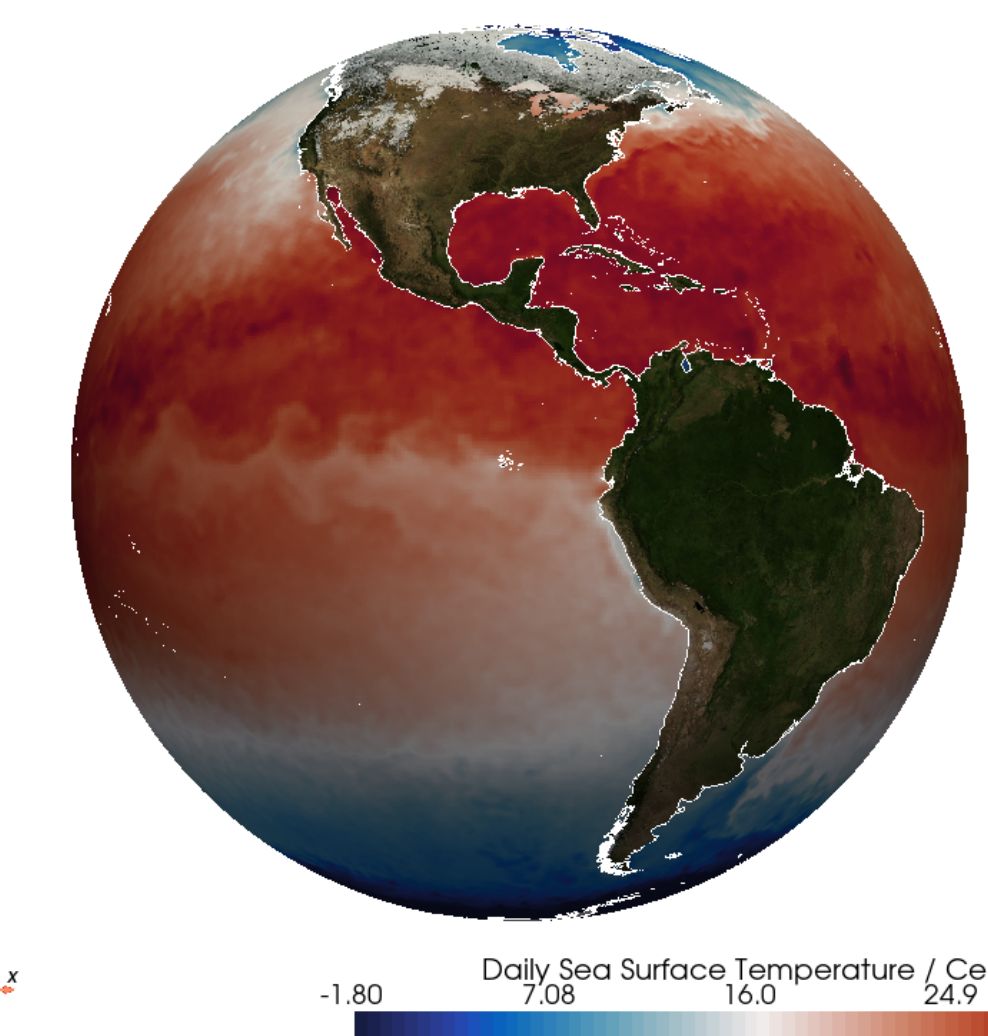


Take a picture to  
visit the tutorial website

## PyVista Ecosystem

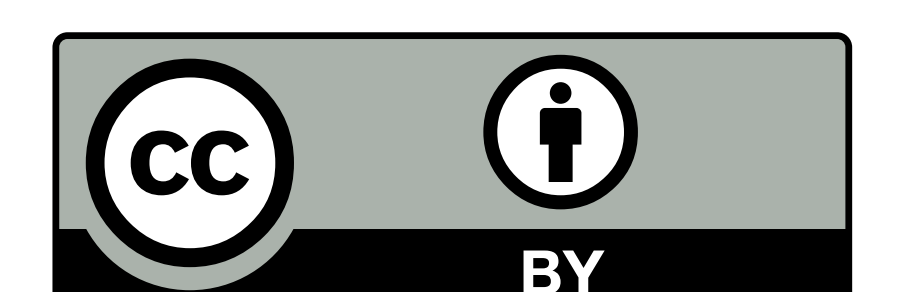


Take a picture to  
visit the pyFBS web-  
site



Take a picture to  
visit the GeoVista  
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PyVista Project