**Generating a .vol mesh from .step file**

1. In *MeshCreation.py* change the line:  
   *if line[:-1]=="surfaceelements":* by   
   *if line[:-1]=="surfaceelements" or line[:-1]=="surfaceelementsuv":*
2. Comment out all mesh.Curve(5) in the code or give the option to avoid it in *Settings.py.*
3. In the *meshFromStepFile.py* script, you choose the name of the .step file using *nameMesh.*
4. In the *meshFromStepFile.py* script*,* you can choose three refinement sizes:  
   meshsize.coarse  
   meshsize.moderate  
   meshsize.fine
5. Run the *meshFromStepFile.py* script.
6. Open the generated mesh *newMesh.vol* and change the *materials* by “air” and “mat1”and *bcnames* by “default” and “outer” according to the definition of the step file.