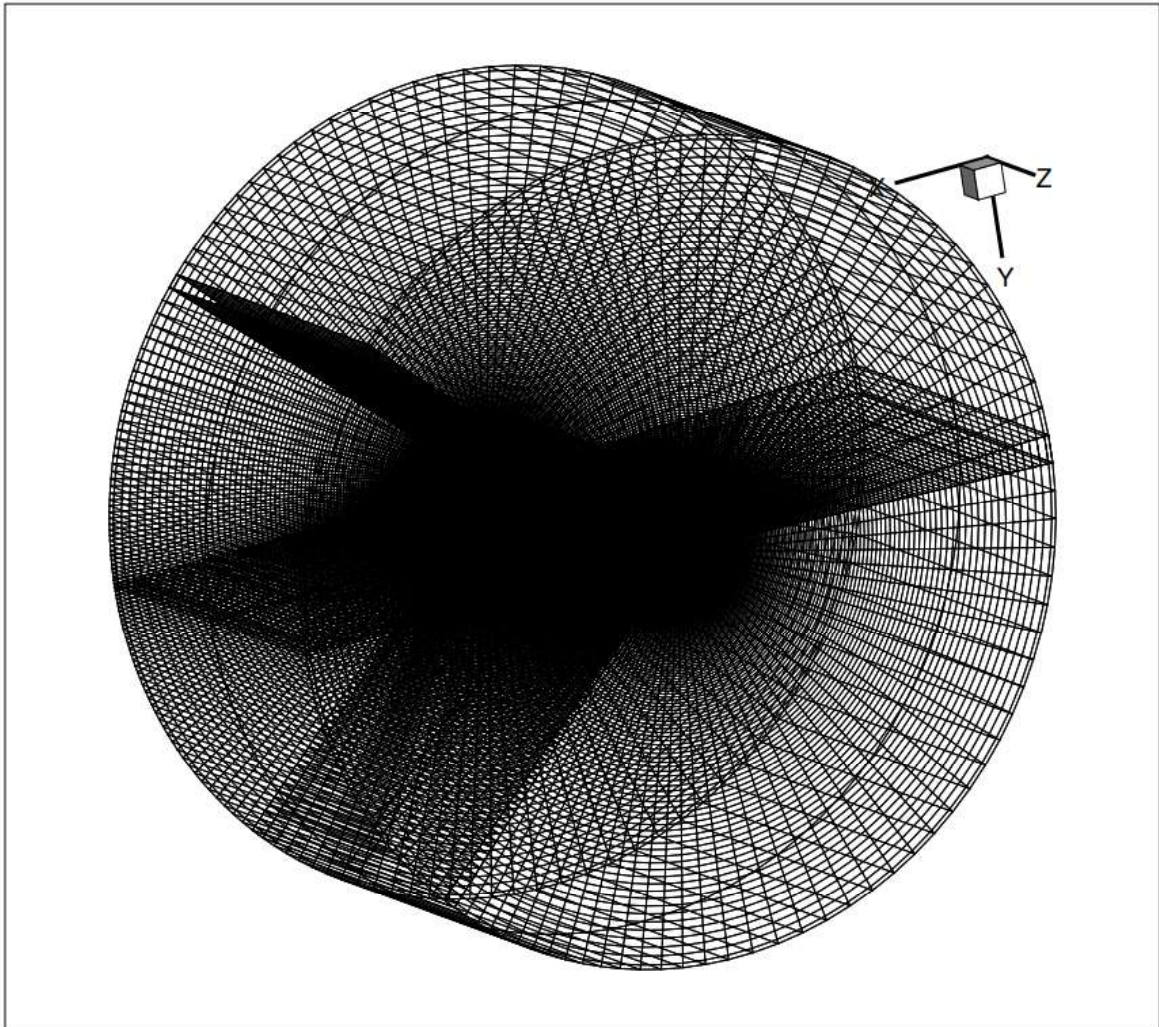


Proposal 4 for a Master-Thesis:

Interface LESOCC to OpenFOAM



LESOCC (Large Eddy Simulation On Curvilinear Coordinates) is a LES code developed by Prof. Breuer from Helmut-Schmidt-University at Hamburg. We use it to try to predict laminar-turbulent transition measured in 2018 (see proposal 5). In this thesis an interface should be coded to transfer field data to OpenFOAM [2].

References:

- [1] J. Fröhlich et al, Large Eddy Simulation of Flow around Circular Cylinders on Structured and Unstructured Grids
- [2] <https://www.openfoam.com/documentation/tutorial-guide>