Unstructured grids for DPW4:

A set of unstructured grids for DPW4 has been generated. The grids are made available in CGNS format. The grids are generated for cell centered solvers.

File Name	Description	Reynolds Number	Catagory	Grid Size (cells)	First Spacing
notail_medium_Re5m.cgns.gz	WB no tail	5 million	medium	15.45 million	dy = 0.000985
tail_0_coarse_Re5m.cgns.gz	WB tail ih = 0	5 million	coarse	6.24 million	dy = 0.001478
tail_0_medium_Re5m.cgns.gz	WB tail ih = 0	5 million	medium	21.28 million	dy = 0.000985
tail_0_fine_Re5m.cgns.gz	WB tail ih = 0	5 million	fine	58.07 million	dy = 0.000657
tail_0_medium_Re20m.cgns.gz	WB tail ih = 0	20 million	medium	22.80 million	dy = 0.000273
tail_minus2_medium_Re5m.cgns.gz	WB tail ih = -2	5 million	medium	21.25 million	dy = 0.000985
tail_plus2_medium_Re5m.cgns.gz	WB tail ih = +2	5 million	medium	21.56 million	dy = 0.000985

contact:

Prof. N. Balakrishnan
Computational Aerodynamics Lab,
Department of Aerospace Engineering,
Indian Institute of Science,
Bangalore- 560012, India.

ph: 91-80-22933029
email:nbalak@aero.iisc.ernet.in