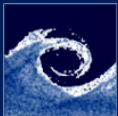# Laboratory tasks I.

1. Perform flow simulation between two plates, using experimental data
   - Download and unpack LabCase11.tar.gz
   - Study the derived profiles (U, k, ϵ) using Gnumeric (Measurements.ods)
   - Study the results in the appropriate format (points.csv, U.csv, k.csv, e.csv)
   - Study the extracted profiles (in constant/boundaryData)
   - Execute the simulation

2. Create a convergence plot in eps format (using the resplot.sh script)

3. Post-process the case, using
   - sample utility and gnuplot (dict-s are available)
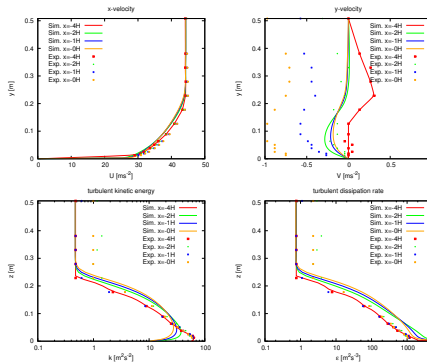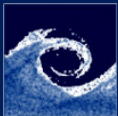
4. Plot the experimental profiles (ResultsPlot.p)

1. Show the plots to the lecturers (quickest students earn bonus point).
2. Convert the plots to pdf format (quickest students earn bonus point).

Experiments
and
Simulations

Balogh
Miklós

① Improve your individual project if you want...