

Monday 9/9:

- 9.30-11 h: get together with coffee and cake
11-13h: First lecture on Fluid Mechanics (AB) – fluids, flows, continuity, cons of mass, etc.
13-14h: Lunch
14-16 h: Second Lecture on Fluid Mechanics (AB+EJS) – Reynold’s Number, corresp. flows
16-17 h: Planning of the remainder of the week (EJS)
17.30-18h: Transport (bike?) to ‘The Three Rivers’
18-21h: Dinner @ ‘The Three Rivers’ (EJS) (+ drinks?)

Tuesday 10/9

- 9 - 13 h: Lectures + tutorials on CFD (AB + HM)
13 - 14 h: Lunch
14 - 17h: Lectures + tutorials on CFD (AB+HM)

Wednesday 11/9

- 9-13h: Lectures + tutorials on PIV (EJS+KS)
13-14h: Lunch
14-17h: Lectures + tutorials on PIV (EJS+KS)
Ca 17 h: Composing 4 teams (mix of expertise per team)

Thursday 12/9

- 9-17h: CFD practicing (team 1 + 2) (AB+HM)
9-17h: PIV practice @ flowtank (team 3+4)(EJS+KS)
12-14h: Lunch + Guest lecture for all teams on Ansys Fluent + examples (SvW)

Friday 13/9

- 9-17h: CFD practicing (team 3 + 4) (AB+HM)
9-17h: PIV practice @ flowtank (team 1+2) (EJS+KS)
12-14h: Lunch + ‘extra time’

Monday 16/9

- CFD practicing + PIV practice @ flowtank – RESERVE (EJS+AB)
Analysis + Interpretation Results of practices
Get together all DC’s for cross-reporting

Tuesday 17/9 – Thursday 19/9 (detailed planning @ DC’s)

- CFD simulation of ‘filter’-structure (AB, 2 teams)
PIV analysis of ‘filter’-structure (EJS, 3rd team))
Parallel force measurements @ small flowtank (PB, 4th team) (lift/drag vs flowspeed and angle)
Analysis of Results
Comparing CFD and PIV Results
Interpretation of Results

Friday 20/9

- Making presentations (oral+ppt) of team results (morning)
Presentations of all 4 teams (early afternoon) (all DC’s + staff present)
Wrap-up + Goodbyes (late afternoon)

POSSIBILITY - Monday 23/9 + Tuesday 24/9 (up to DC’s)

- Possible get together of DC’s for cross-communication
One half day with all supervisors via online connection