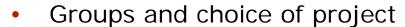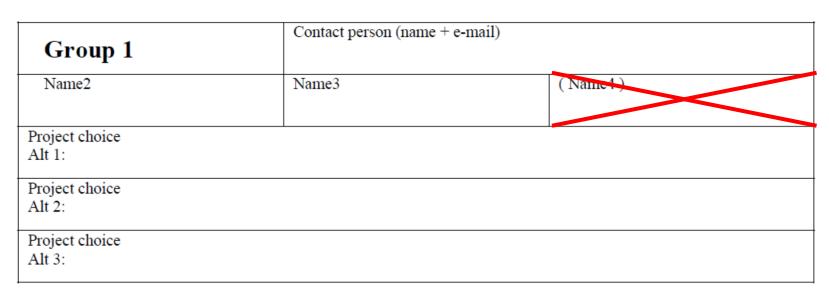25 March 2013

SG2224
Applied CFD

Info

- ANSYS/Fluent course
  - Through ANSYS webpage, link at KTH social
- PDC account
  - KTH – Social - Registration, PDC account
- Project
  - 25 March: Introduction, formation of groups and choice
- Access to computer lab (SAM, Teknikringen 14)
  - All KTH students should have access, make sure that you have
    (Card reception. kortexp@admin.kth.se, 08-790 92 00)
  - All in SG2224 should have access to Fluent, try, run ind. task.
- Bilda
  - Make sure you have access
  - If not, send me an e-mail
  - A few of you still not logged in

Project

- Groups and choice of project
  - Today: Form groups of 3 students
  - Today : Presentation of projects – group chose 3 projects
  - 28 March: I have distributed the projects on the groups
  - If you have your own project – talk with me

Group 1	Contact person (name + e-mail)	
Name2	Name3	(Name4)
Project choice Alt 1:		
Project choice Alt 2:		
Project choice Alt 3:		

Project

- Starting
    - Contact your project leader
    - Appointment or e-mail instructions
    - After Fluent tutorial and individual task
    - Use bilda group discussion forum
- Aim with the project
    - Problem definition, modelling level and approximations
    - CFD analysis: Meshing, computation, analyze
    - Quality: Refined analysis, parameter study, et.c.

Today

- Information about the projects
- Formation of groups (3 pers / group)
- Choose projects (3 choices)

- More on turbulence