AE 433 COMPUTATIONAL FLUID DYNAMICS TERM PROJECT

FALL 2018/2019

GROUP NUMBER	TERM PROJECT TITLE	Time 28.12.2018
GROUP 1	CFD investigation of an airfoil made of circles	14:20-14:30
GROUP 2	CFD analysis of vertically oriented airfoil at different profiles	14:30-14:40
GROUP 3	CFD analysis of a delta wing/wing/body section	14:40-14:50
GROUP 4	CFD analysis of AIM-120 AMRAAM at a freestream velocity of M=1	14:50-15:00
GROUP 5	Investigation of the effect of the canard to the elevator using CFD	15:00-15:10
BREAK		
GROUP 6	CFD investigation of an airfoil with a crack on it	15:20-15:30
GROUP 7	CFD simulation of a bullet	15:30-15:40
GROUP 8	CFD analysis of an aircraft	15:40-15:50
GROUP 9	CFD analysis of a 2D fish	15:50-16:00
GROUP 10	CFD solution of the interaction between wing and tail	16:00-16:10
BREAK		
GROUP 11	CFD analysis of a Formula-1 car spoiler	16:20-16:30
GROUP 12	CFD analysis of aileron and whole wing	16:30-16:40
GROUP 13	CFD investigation of an airfoil made of squares	16:40-16:50
GROUP 14	CFD investigation of 2D orcha	16:50-17:00

GROUP MEMBERS WILL PRESENT 5 MINUTES OF THE PRESENTATION EACH.

EACH GROUP WILL PRESENT THE PROJECT FROM THEIR LAPTOP.

PROJECTS WILL BE PRESENTED IN A03 CLASSROOM.