



Timetable

Day	9-10	10-11	11-12	12-13	
Thu, May 10	Introduction to biomolecular modelling. [LECTURE]	Introduction to VMD. Visualization and analysis of biomolecular structures. [PRACTICAL]			
Fri, May 11	Minimization and molecular dynamics. [LECTURE]	Introduction to NAMD. Running a molecular dynamics simulations of a protein in different environment. [PRACTICAL]			
Sat, May 12					
Sun, May 13					
Mon, May 14	Advanced modelling (e.g., SMD, Replica Exchange MD, Coarse grain). [LECTURE]	Steered molecular dynamics. Simulating the mechanical unfolding of a protein. [PRACTICAL]			
Tue, May 15	Example applications		Work on the project		
Wed, May 16	Work on the project				

During day 1, 2 and 3 there will be 15 min breaks from 10.00 to 10.15 and from 11.30 to 11.45