WFLS24

Details of Group Projects

Summary

1. All student participants will work in groups of 3 on a project of their choice.
2. Each group is expected to give a presentation on Friday May 17th.
3. There will be a set of mentors who will assist the groups during the two weeks.
4. The main goal is to gain experience in
    a. Model formulation
    b. Interdisciplinary collaboration
    c. Presentation / Group presentations
5. We do not expect that you arrive at something that can be published - this is more of a training exercise.

Group formation

1. Groups are expected to self-organize, keeping the following in mind:
    a. Groups should not comprise members of the same institute.
    b. Ideally groups should have a balance of undergrads and seniors.
    c. Try to get a balance in terms of the backgrounds of group members.
    d. Ideally each team should have one member with some coding experience.
    e. IMSc participants in particular are requested to spread out across groups.
2. We expect that there will be a total of 9 groups.
3. Try to form groups by the end of the sessions tomorrow.
4. There will be an informal session from 5:30 - 6:00 pm tomorrow when we will check to see if all the groups have formed, and start some preliminary project discussions.

Discussion Sessions

Locations and times

1. We have allocated three rooms for discussions: Hall 123, the Media Center and the Lounge (on this Wednesday it will be Room 117).

2. In each room, we will have one mentor and one co-mentor.
3. There will be 3 groups in each room.
4. There will be daily discussion sessions in week 1 and one session (Wednesday) in week 2.
5. Groups can also approach mentors and co-mentors during Tea Breaks and Lunch.

Initial sessions

1. Each group tries to come up with a question - mentors will gauge the relevance/feasibility.
2. If groups are unable to come up with any questions, mentors can give some ideas for the starting point of a project.

Later sessions

1. Groups will propose a model for their problem - mentors will confirm that it is reasonable.
2. If groups are unable to formulate a model, mentors will provide some pointers.
3. Groups will attempt to simulate their model - those with limited coding experience can get help during these sessions.

Resources

1. Students can access the library and work there.
2. At the end of each day students can use the 4th floor coffee lounge for discussions.
3. If anyone requires any important printouts, please approach Saptarshi.

Presentations

1. Each group will have around 20 min (15 + 5).
2. Groups have the freedom to present in any manner that they wish.
3. At the minimum it is expected that each group explains
    a. the biological question that drove the project
    b. the rationale behind their choice of model
    c. what they observed in their simulations
    d. the implications of these results