SGN26

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 **Mon Nov 30th**.
3. There will be assigned 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 juniors 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. There will be an informal session from 5 - 6 pm on Nov 17, when you will have a chance to meet other participants and form groups. On Nov 18, from 5 - 6 pm, we will confirm that the groups have been formed, and start preliminary project discussions.

Discussion Sessions

Locations and times

1. There will be daily discussion sessions from 5 - 6pm until Nov 26th.
2. The discussions will be held in the 4th floor coffee lounge.
3. Groups can also approach 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. Mentors will also provide potential 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 **during working hours**.
2. Between the end of the working day and dinner time, students can use the 4th floor coffee lounge for discussions.
3. If anyone requires any important printouts, please approach the volunteers.

Presentations

1. Each group will have around **20 min** (15 + 5 min for questions) to give their presentations.
2. All group members are expected to speak during their presentations.
3. At the minimum it is expected that each group explains
    a. the fundamental 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