Welcome to COMP-670: Problems in Computational Science (Research Seminar). For the next semester, we will be studying Mimetic Discretization Methods from a computational perspective, applied to Computational Geosciences.

A website for the class has been created and all of the references will be listed there. If possible, we will provide them as well.

1 Class program


Lecture 4: Projects discussion.

At this point, students should undertake the research project on their own.
2 Grading

The class will be graded as follows:

- Class Assignment: 30%
- Project Proposal: 30%
- Project Defense: 40%

3 The project proposal

The two most important components of proposing a project are: feasibility and budgeting. Since time is (should) be your currency, this is the only budgeting you should be dealing with. Therefore, projects proposal should be 2 pages top.

Students are allowed to team up, however, two projects shall not be the same!

Proposal will be defended in class. Each presentation will last no longer than 10 min.

4 Final project

Students should present their project, on the last week of the course. This shall be the final assignment. Students will perform a presentation, followed by a short guided discussion (guided by the team). A writeup with no more than 10 pages will be delivered. Using standard \LaTeX article template, with the \usepackage{geometry} option is recommended, yet not required.

Attendance is not required, but I do recommend you assists in order to get extra credit!

Anything else not being considered in this syllabus shall be discusses in our meetings.