Poster Project Description

Deadlines

- Project Proposal - Tuesday of 5th Week (Oct 29, 2024)
- Project Status Report - Tuesday of 7th Week (Nov 12, 2024)
- Poster Printing - 2pm Tuesday of 10th week (Dec 3, 2024)
- Poster Session - 1pm—3:30pm Thursday of 10th week (Dec 5th, 2019)

Topic

The topic should fall within the class's theme of modeling and analyzing physical systems. A complete project will include software in a GitHub repository written in a language of your choice that can be run with minimal setup by the Instructor and TAs. This project should explore a phenomenon (or phenomena) that are only properly or fully analyzable with computational methods, or for which we learn significantly more than with analytic methods alone. The proposed topic must be selected by Tuesday of 6th Week (Nov 6, 2018) in consultation with the instructor and TA, although modifications and changes are certainly allowed, but are strongly encouraged to be discussed first. You are encouraged to include a sketch of the poster (see below), a description of the equations you plan to solve or analyze, and the primary results or even figures that you plan to include.

Structure

The projects are **individual** and are not allowed to be done jointly with others. However, you are strongly encouraged to discuss approaches, methods, ideas, implementations, and results with any and everyone.

Poster Presentation

The project will be presented in a poster session at the end of the term on the Thursday of Reading Period. All posters will be hung simultaneously and audience members will be circulating to review the posters. Your poster will need to be printed the day *before* at the very latest. The project's poster will be evaluated by at least 5 judges (including the TAs and instructor). The criteria and rubric will be distributed in advance to the class. In addition, the GitHub repository must be indicated on the poster, and it will be tested separately for its ability

to be executed, as well as for its design and implementation of the key computational methods used.

Poster Details

The posters must be sized to 36x48″ (or 48x36″) and provided as PDF files to David Miller by 2pm on Tuesday of 10th week (Dec 3, 2024).