Rubric for the projects

The grade for the projects is broken down into three components

1. Interest: 20 pts.

1 Interest

Your paper/presentation should answer the question “so what?” For example, a low score here would be if you analyzed a certain PDE without saying why that PDE is of interest.

2 Technical correctness and depth

Here I am looking for correctness with regards to the math and the topic it is being applied to. There should also be a good explanation of the relationship between the math and the application and an appropriate depth. When possible, you should explain why a certain math concept works for the application you are describing. For example, you shouldn’t just say that a certain PDE models a process without giving some sort of explanation (at an appropriate level) for why it does.

The projects should be aimed at the level of a good 241 student.
3 Organization

Here I am looking for the right amount of detail (you don’t want to go into a lot of trivial detail, i.e. computations that are very routine by now). You should have a clear exposition and not be sloppy.

4 Length guidelines

These are very rough guidelines, but I am guessing the papers should be around 3-6 pages 1.5 spaced (this includes graphics, etc.). A talk should be 10-20 minutes, probably more towards the longer side for groups.