**Spring 2021: ME759 Final Project Proposal**

**Project Title**: state the title

**Link to git repo for project**: this is the link to your ME759 GitLab repo.

**Problem statement**: explain in clear terms what you plan to accomplish.

**Motivation/Rationale**: explain why you chose to work on this project.

**Explain how you contemplate going about it**: indicate if you’ll use GPU/OpenMP/MPI parallel computing, what libraries, etc. Indicate what algorithms/approaches you are considering.

I will use MPI.

**ME759 aspects the proposed work draws on**: bulleted list, be brief

**Team member[s]:**  (if more students, list \*alphabetically\* according to last name)

* Name: Kangqi Fu
* Email: kfu9@wisc.edu
* Home department: Math, Physics and Computer Science Department
* Advisor: (if you don’t have an advisor, please state so) undergraduate; don’t have an advisor
* Student’s role in project:

**Deliverables**: what you expect to deliver on 05/07/2021, 10:05 AM: code, input files, tech report, etc.

Code, tech report, input files.

**How you will demonstrate what you accomplished**: this is particularly important if what you do is a small piece of a bigger project that you will continue to pursue after wrapping up ME759.

I will have both a serial and MPI parallelized C++ code for doing xxx

**Other remarks**: say here anything else that you think Dan should be aware of and doesn’t fall within any other category above.

Remarks (remove this list for the document you submit):

* Please use \*this\* template
* There’s a two-page limit. See if you can make your point without hitting the limit.
* Drop your PDF proposal in Canvas in the folder FinalProjectProposal
* Project proposal due date: March 22 at 9 pm. I hope to give feedback by March 29.
* Multiple student teams: each student must submit a proposal even if proposals are almost identical
* Be bold.