

Poster Judging Criteria

Scientific Content: 75%

- **Statement of Research Problem/Rationale:**
 - Clear statement of the problem or question
 - *What are you trying to do?*
 - Well-explained rationale/justification for the study
 - *The "So what?" question*
 - Project objectives are clearly outlined
 - *What specifically should judges be looking for in the results in order to know you succeeded?*
- **Literature Review/Background Theory:**
 - Relevant work mentioned
 - *Did Gauss figure this out 200 years ago?*
 - Any references are cited (incl online resources, GitHub repositories, etc)
 - *Did you really write all of the code from scratch? Were you provided some dataset from a colleague or an online resource?*
- **Methods (Explanation/Appropriateness):**
 - Clear description of the computational methods used and a brief technical summary of the implementation
 - *What techniques that we discussed (or did not) did you actually use? How did you use them? What libraries are relevant?*
 - Methods are appropriate to address aim/question
 - *Are you running a simulation when you should be doing an analytic calculation?*
 - Explanation of the reason for the computational methods used
 - *Why *this* method and not some other method? How is the method use related to the issue of "modeling" more broadly?*
- **Analysis/Results:**
 - Figures/tables used appropriately and clearly to present the data
 - *Do you have a schematic of the process? If you have a many body system, can you take a snapshot? If you have a simple dynamical system, can you show it at a few time steps?*
 - Findings are presented clearly and accurately

- *Do the figures summarize the most important findings? Do you have them all labeled well?*
- Analysis is well explained and appropriately applied
 - *Have you described how you actually got the results?*
- **Conclusion/Discussion:**
 - Addressed study's problem/question
 - *Did you answer the central question or approach it?*
 - Conclusions are sufficiently supported by results
 - *Are you extrapolating beyond what you actually found?*

Overall appearance: 25%

- **Presentation Overall:**
 - Effective overall aesthetic/organization of poster
 - *Is it laid out well? Or does it look like it was done at the last second?*
 - Flow of information is logical and facilitates understanding
 - *Not just a collage!*
 - Presenter summarized study clearly
 - *Can you describe what you did?*
 - Presenter answered questions well
 - *Can you address questions?*