Poster Judging Criteria

<u>Scientific Content: 75%</u>

- **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?*