

ASTR 578: Assignment 4 Part A & B

Part A: Abstract

DUE : Feb 10th 2022 by **NOON**

FORMAT: Email a word doc to astr573besla@gmail.com

SUBJECT HEADING: Assignment 4 Part A

FILENAME: LastName_Assignment4_PartA

- 1) Determine a talk title that is connected to “the problem” you want to solve for your primary proposal for this class.
- 2) Construct the first half of a talk abstract following the below structure to set the stage for your proposal.
 - Introduce at least one Fact and state the importance
 - One sentence for the Problem – this is **set up** by the Facts
 - One Sentence to state the Proposed Solution: “In this talk I will discuss a strategy to solve *the problem* using *Observatory/Data/Simulations*...” I.e. “we propose”
 - If you don’t know the solution yet, you can write a few ideas down and we can build from there in class.
 - These Sites can help you figure out what you want to propose for:
 - JWST: <https://webb.nasa.gov/content/science/index.html>
 - HST: <https://www.stsci.edu/hst/about/key-science-themes>
 - One Sentence: Future Outlook/Broader Impact: End with a sentence about importance of solving “the Problem” broadly to future studies.

Part B: Presentation

Schedule:

Feb 10th: we will review together your abstracts/plan

Feb 15th: In class preparation (chance to ask questions get advice, we’ll build the title slide)

Feb 17th: Hayden, Haley, Jeniveve, Lily

Feb 22nd: Vivian, Xiangyu, Sophie, Matthew

March 3rd: Claire, Sam, Michael, Shiloe

~5-8 minutes + 5 min discussion

Turn your abstract into a 4-5 slide presentation (with relevant images):

- 1) Title Slide – spend at least 1-2 minutes setting the stage!
- 2) Fact
- 3) Problem
- 4) Proposed Solution (This will turn into the “we propose”)
- 5) Broader Impacts/Future Outlooks

Grading Criteria: (20% of final grade)

- Follow the Structure Outlined Above for the Abstract
- Follow the Structure Outlined Above for the Presentation
- Quality of Presentation – clarity of slides & oral presentation
- Participation (asking **at least 3** questions to others)