

Physics 598 PEN – Spring 2022

Assignment #3: Abstract and Introduction for Your Research Topic

This assignment consists of 3 parts. (1) First, provide a detailed sentence outline that details the plan for logically organizing the introduction section of your research project. Please provide as much detail as possible in your outline. (2) Second, write an abstract for your research project that follows Celia's abstract "recipe" guidelines. The abstract should be roughly 100 words. (3) Finally, following the organizational structure of your outline, write an introduction to your research project, following the inverted pyramid structure discussed in class. The introduction section should be roughly *1-2 pages*, should be written at a level suitable for a general audience, and should include all the elements expected in the introduction sections of a scientific paper: motivations for the research, relevant background material necessary for the reader to understand the goals of the research, a brief discussion of methods used, and a preview of the results to be discussed in the paper. The introduction should also include appropriate references and use a consistent referencing style. This assignment is worth 100 points, divided as follows: Outline (10 points), abstract (20 points), introduction (50 points), references (20 points).

The first draft of this assignment will be due on **Friday, February 25**.
The final version of this assignment will be due on **Friday, March 11**.