

**Physics 598 PEN – Spring 2016**

**Assignment #3: Abstract and Introduction for Your Research Topic**

Write an abstract and introduction for your selected research topic. The abstract should be roughly 100 words, and the introduction/motivation should be roughly 1-2 *pages*. The introduction 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: abstract (20 points), introduction (60 points), references (20 points).

The first draft of this assignment will be due on **Friday, Feb. 19.**

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