

PHYS 7810 Extreme Physics Spring 2026. Problem Set 1. Due Jan 22

1. Select a project topic (20 points)

During the week of Apr 7–9, the antepenultimate week of the semester, you will make a 15-minute presentation, followed by a 5-minute question session, on a topic whose goals are relevant to Extreme Physics (Black Holes, Cosmology, Unification, String Theory). You may choose to present a paper from the literature or on the arXiv, or you may choose present on a current or upcoming experiment or mission. You will make a 15-minute zoom version of your presentation, due Th Mar 26. For this problem set, you will select a topic, and write a short abstract explaining your selection. Please provide a link to the paper or experiment you will present on.