

Presentation Guidelines:

Purpose: Present recent progress on a research topic related to the class material

20 mins presentation and 5 mins Q&A

Suggestion: No more than 10 slides

Presentation structure suggestion

1. Title and your name
2. Introduction / historical background
3. State of the art / observation
4. Formulation of the problem / Details of the phenomena
5. Key steps to solve the problem / experimental approach
6. Result and analysis
7. Conclusion and future
8. References

Term Paper Guidelines:

Purpose: Review recent progress on a research topic related to the class material

Generic 3~4-page, double column, Physical Review format (equivalently, 9~12-page, 12-point, single column, single line with figures, figure captions and references cited).

(You can find sample articles on the PR website, <http://prl.aps.org/>. Style files available on the site if you use latex. Words files are ok. Please convert your paper into pdf format and email cchin@uchicago.edu by 3/11/2013)

Term paper structure suggestion

1. Title
2. Author = your name
3. Abstract
4. Introduction and summary of recent related works
(Please clearly mark the main papers on which your report is based.)
5. Description of the specific topic/system/phenomena
6. Theoretical or numerical approach/ experimental system design
7. Assumptions in the calculation / numerical models / experiment data
8. Analysis and discussion of the result
9. Conclusion
10. References