

You have two options for formatting your paper.

Format I

Title: should be concise but descriptive giving the reader and immediate idea of what is contained within the paper.

Abstract: About 50-100 words. Start with the problem statement, what you have analyzed, and a short description of the essential results.

Introduction: Introduce the topic with literature review with three to five references. Distill down to the focus of your paper. State the problem that you will address and what results you hope to achieve. (About two pages, including one or two figures).

Experiment and Theory: Describe experimental results that you wish to discuss in your paper, with a couple of figures. If your paper includes a simple analysis of the results in the experimental section.. describe the analysis with simple concepts and equations, which you can pull from the class notes. Ideally you paper would include an analytical model, but this is not essential; your analysis of the experimental results can be based upon a discussion of concepts but they must be clearly articulated. (About 3 pages with two or three figures).

Summary: This section would related to your abstract, except being more specific and quantitative, and describing the implications of your analysis - in your own words. (About half a page).

Format II

Title: should be concise but descriptive giving the reader and immediate idea of what is contained within the paper.

The body of the paper can be as a single narrative, like in a letter.

(About half a page).

Scope of the Presentation.

About 10-12 slides to be presented in 10 - 15 minutes, that follow the content of your paper. Normally you would have your paper substantially written before you prepare these slides. After your presentation, you would gain additional insights which you can use to finalize your paper.

Remember your slides are merely a succinct guide to what you will say during the presentation. Slides must have very very few words, and not be too busy. You are NOT to read from your slides; we want to hear you express your understanding of the subject.

Your presentation is an enhancement to your paper; how you express your ideas will convey how well you understand your topic.

Finally, I am looking for an in-depth understanding (not a literature review) of your topic. The topic can be (probably should be) narrowly defined. You should convey the feeling that you really understand what you are saying.