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This template is designed to provide authors of Physics Education Research Conference (PERC) Proceedings papers with the basis for their submission. The format for the 2016 Proceedings follows the PRPER style, with the exception that full titles may be excluded from citations because of the length constraints. There are additional comments in the source code specific to the L^AT_EX version of the template.

I. INTRODUCTION

The introduction should clearly explain the nature and scope of the research as well as provide the reader with a roadmap of the rest of the paper.

Times New Roman 10 point font is used throughout the paper with single line spacing and the text is fully justified. Paragraph style: indent first line three spaces (0.19"); there is no extra line spacing between paragraphs. This is the standard font and layout for the individual paragraphs.

The paper size is 8.5 × 11 inches. Margins are 1" top and bottom, 0.75" left and right. Each column is 3.35" with 0.3" spacing between them.

Please do not adjust the spacing of the headers. They should have a 12pt space before and a 6pt space after each heading.

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II. TABLES AND FIGURES

Figures, tables, and equations must be inserted in the text and may not be grouped at the end of the paper. Important: miscounting of figures, tables, or equations may result from revisions. Please double check the numbering of these elements before you submit your paper to the volume editor.

A. Figures

If your manuscript contains figures, they are typically placed in one column (see Fig. 1). A large figure might span two columns. Cite all figures in the text consecutively. The word "Figure" should be spelled out if it is the first word of the sentence and abbreviated as "Fig." elsewhere in the text. Place the figures as close as possible to their first mention in the text at the top or bottom of the page.

When you are preparing references, please use the PRST–PER Style Guide [2]. This document contains information about how references should be formatted, including proper journal abbreviations. Examples directly from that style guide of a journal, book, proceedings paper, and dissertation are also provided here [3–6].



FIG. 1. Center figure captions if they run one line only.

1. Color figures

Beginning in 2013, color figures are allowable since the PERC Proceedings will be available only in an online format. However, authors are encouraged to check that the figures print in black and white without loss of clarity.

B. Tables

Give each table a concise title and define any abbreviations in footnotes to the table. Place tables at the top or bottom of the page, close to where they are first cited (like Table I). Center the table in the width of the text area, and center the caption as well.

Tables should not break across the page or column, but rather should be together cohesively. In some cases, that may mean that a small amount of white space appears near the bottom of a column.

TABLE I. This is a sample table.

	MS Word
	US Letter Size Paper
Primary Heading	Roman numerals, all capital letters
First subheading	Capital letters, only first letter of first word capitalized
Second subheading	Numbers, italicized

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IV. CONCLUSIONS

This template was newly updated for the 2016 PERC Proceedings. The editors apologize if any errors exist, and encourage you to contact them with changes and other suggestions.

ACKNOWLEDGMENTS

Put references below the acknowledgements (and appendixes, if any).

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- [1] <http://www.per-central.org/perc/AuthorSubmission.cfm>. retrieved 6/20/2015.
- [2] <http://journals.aps.org/files/styleguide-pr.pdf>. retrieved 5/5/2016.
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- [5] J.M. Smith, in *Proceedings of the International Conference on Low Temperature Physics, Madison, 1958*, edited by C. Brown (University of Wisconsin, Madison, 1958), p. 201.
- [6] J.M. Smith, Ph.D. thesis, Brown University, 1980