

Alternate *ACM SIG* Proceedings Paper in LaTeX Format^{*}

[Extended Abstract][†]

Cristopher Arenas
Pontificia Universidad Catolica
de Chile
1932 Wallamaloo Lane
Wallamaloo, New Zealand
trovato@corporation.com

ABSTRACT

This paper provides a sample of a \LaTeX document which conforms, somewhat loosely, to the formatting guidelines for ACM SIG Proceedings. It is an *alternate* style which produces a *tighter-looking* paper and was designed in response to concerns expressed, by authors, over page-budgets. It complements the document *Author's (Alternate) Guide to Preparing ACM SIG Proceedings Using $\text{\LaTeX}2_{\epsilon}$ and BibTeX*. This source file has been written with the intention of being compiled under $\text{\LaTeX}2_{\epsilon}$ and BibTeX.

The developers have tried to include every imaginable sort of “bells and whistles”, such as a subtitle, footnotes on title, subtitle and authors, as well as in the text, and every optional component (e.g. Acknowledgments, Additional Authors, Appendices), not to mention examples of equations, theorems, tables and figures.

To make best use of this sample document, run it through \LaTeX and BibTeX, and compare this source code with the printed output produced by the dvi file. A compiled PDF version is available on the web page to help you with the ‘look and feel’.

Keywords

ACM proceedings; \LaTeX ; text tagging

1. INTRODUCTION

2. RELATED WORK

3. PROPOSED METHOD

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[†]A full version of this paper is available as *Author's Guide to Preparing ACM SIG Proceedings Using $\text{\LaTeX}2_{\epsilon}$ and BibTeX* at www.acm.org/eaddress.htm

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WOODSTOCK '97 El Paso, Texas USA

© 2015 ACM. ISBN 978-1-4503-2138-9.

DOI: 10.1145/1235

4. EXPERIMENTS

5. RESULTS

6. CONCLUSION AND FUTURE WORK

APPENDIX

A. HEADINGS IN APPENDICES

The rules about hierarchical headings discussed above for the body of the article are different in the appendices. In the **appendix** environment, the command **section** is used to indicate the start of each Appendix, with alphabetic order designation (i.e. the first is A, the second B, etc.) and a title (if you include one). So, if you need hierarchical structure *within* an Appendix, start with **subsection** as the highest level. Here is an outline of the body of this document in Appendix-appropriate form:

A.1 Introduction

A.2 The Body of the Paper

A.2.1 Type Changes and Special Characters

A.2.2 Math Equations

Inline (In-text) Equations.

Display Equations.

A.2.3 Citations

A.2.4 Tables

A.2.5 Figures

A.2.6 Theorem-like Constructs

A Caveat for the \TeX Expert

A.3 Conclusions

A.4 Acknowledgments

A.5 Additional Authors

This section is inserted by L^AT_EX; you do not insert it. You just add the names and information in the `\additionalauthors` command at the start of the document.

A.6 References

Generated by bibtex from your .bib file. Run latex, then bibtex, then latex twice (to resolve references) to create the .bbl file. Insert that .bbl file into the .tex source file and comment out the command `\thebibliography`.

B. MORE HELP FOR THE HARDY

The sig-alternate.cls file itself is chock-full of succinct and helpful comments. If you consider yourself a moderately experienced to expert user of L^AT_EX, you may find reading it useful but please remember not to change it.