

SIG Proceedings Paper in LaTeX Format*

Extended Abstract[†]

Ben Trovato[‡]
Institute for Clarity in Documentation
Dublin, Ohio
trovato@corporation.com

G.K.M. Tobin[§]
Institute for Clarity in Documentation
Dublin, Ohio
webmaster@marysville-ohio.com

Lars Thørväld[¶]
The Thørväld Group
Hekla, Iceland
larst@affiliation.org

Valerie Béranger
Inria Paris-Rocquencourt
Rocquencourt, France

Aparna Patel
Rajiv Gandhi University
Doimukh, Arunachal Pradesh, India

Huifen Chan
Tsinghua University
Haidian Qu, Beijing Shi, China

Charles Palmer
Palmer Research Laboratories
San Antonio, Texas
cpalmer@prl.com

John Smith
The Thørväld Group
jsmith@affiliation.org

Julius P. Kumquat
The Kumquat Consortium
jpkumquat@consortium.net

ABSTRACT

This paper provides a sample of a \LaTeX document which conforms, somewhat loosely, to the formatting guidelines for ACM SIG Proceedings.¹

CCS CONCEPTS

• **Computer systems organization** → **Embedded systems**; *Redundancy*; Robotics; • **Networks** → Network reliability;

KEYWORDS

ACM proceedings, \LaTeX , text tagging

ACM Reference Format:

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1 OVERVIEW

aaa

*Produces the permission block, and copyright information

[†]The full version of the author's guide is available as `acmart.pdf` document

[‡]Dr. Trovato insisted his name be first.

[§]The secretary disavows any knowledge of this author's actions.

[¶]This author is the one who did all the really hard work.

¹This is an abstract footnote

2 VALUE/IMPORTANCE/IMPACT

aaa

3 SIMILAR WORK

aaa

3.1 Alda

aaa

3.2 Chuck

aaa

3.3 Overtone

aaa

4 POTENTIAL PROJECT

4.1 Features

4.2 Concrete Syntax

4.3 Parse into AST

4.4 Compiler

5 CITATIONS

Citations to articles [5–7, 17], conference proceedings [7] or maybe books [24, 32] listed in the Bibliography section of your article will occur throughout the text of your article. You should use BibTeX to automatically produce this bibliography; you simply need to insert one of several citation commands with a key of the item cited in the proper location in the `.tex` file [24]. The key is a short reference you invent to uniquely identify each work; in this sample document, the key is the first author's surname and a word from the title. This identifying key is included with each item in the `.bib` file for your article.

The details of the construction of the `.bib` file are beyond the scope of this sample document, but more information can be found

in the *Author's Guide*, and exhaustive details in the *L^AT_EX User's Guide* by L^AT_EX [24].

This article shows only the plainest form of the citation command, using `\cite`.

Some examples. A paginated journal article [2], an enumerated journal article [10], a reference to an entire issue [9], a monograph (whole book) [23], a monograph/whole book in a series (see 2a in spec. document) [16], a divisible-book such as an anthology or compilation [12] followed by the same example, however we only output the series if the volume number is given [13] (so Editor00a's series should NOT be present since it has no vol. no.), a chapter in a divisible book [35], a chapter in a divisible book in a series [11], a multi-volume work as book [22], an article in a proceedings (of a conference, symposium, workshop for example) (paginated proceedings article) [3], a proceedings article with all possible elements [34], an example of an enumerated proceedings article [14], an informally published work [15], a doctoral dissertation [8], a master's thesis: [4], an online document / world wide web resource [1, 28, 36], a video game (Case 1) [27] and (Case 2) [26] and [25] and (Case 3) a patent [33], work accepted for publication [29], 'YYYYb'-test for prolific author [30] and [31]. Other cites might contain 'duplicate' DOI and URLs (some SIAM articles) [21]. Boris / Barbara Beeton: multi-volume works as books [19] and [18].

A couple of citations with DOIs: [20, 21].

Online citations: [36–38].

6 CONCLUSIONS

This paragraph will end the body of this sample document. Remember that you might still have Acknowledgments or Appendices; brief samples of these follow. There is still the Bibliography to deal with; and we will make a disclaimer about that here: with the exception of the reference to the L^AT_EX book, the citations in this paper are to articles which have nothing to do with the present subject and are used as examples only.

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