Student Research Abstract: Title of Your Abstract

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Abstract

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

CCS Concepts

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

Keywords

ACM proceedings, LaTeX, text tagging

PROBLEM AND MOTIVATION

The student research abstract (SRA) will be published both in the printed proceedings of ACM SAC and later in ACM digital library. The proceedings are the records of the conference. To do this, we ask that student authors follow some simple guidelines. In essence, we ask you to make your research abstract look exactly like this document. The easiest way to do this is simply to download a template from the website of ACM SAC, and replace the content with your own material, which includes *the innovation behind the proposed research idea and the applicability of anticipated results to real-world problems; the problem being investigated; the proposed solution and research methodology; and sample preliminary results of the work.*

BACKGROUND AND RELATED WORK

All material on each page should fit within a rectangle of 18 x 23.5 cm (7" x 9.25"), centered on the page, beginning 2.54 cm (1") from the top of the page and ending with 2.54 cm (1") from the bottom. The right and left margins should be 1.9 cm (.75"). The text should be in two 8.45 cm (3.33") columns with a .83 cm (.33") gutter.

Figure 1: A sample black and white graphic.

Figure 2: A sample black and white graphic that has been resized with the `includegraphics` command.

APPROACH AND UNIQUENESS

Normal or Body Text

Please use a 9-point Times Roman font, or other Roman font with serifs, as close as possible in appearance to Times Roman in which these guidelines have been set. The goal is to have a 9- point text, as you see here. Please use sans-serif or nonproportional fonts only for special purposes, such as distinguishing source code text. If Times Roman is not available, try the font named Computer Modern Roman. On a Macintosh, use the font named Times. Right margins should be justified, not ragged.

Title and Authors

The title (Helvetica 18-point bold), authors' names (Helvetica 12-point) and affiliations (Helvetica 10-point) run across the full width of the page - one column wide. The title should start with "Student Research Abstract: ". We also recommend e-mail address (Helvetica 12-point). See the top of this page for example.

Subsequent Pages

For pages other than the first page, start at the top of the page, and continue in double-column format. The two columns on the last page should be as close to equal length as possible.

Table 1: Table captions should be placed above the table

Graphics	Top	In-between	Bottom
Tables	End	Last	First
Figures	Good	Similar	Very well

References and Citations

Footnotes should be Times New Roman 9-point, and justified to the full width of the column.

Use the standard Communications of the ACM format for references - that is, a numbered list at the end of the article, ordered alphabetically by first author, and referenced by numbers in brackets [3]. See the examples of citations at the end of this document. Within this template file, use the style named references for the text of your citation.

The references are also in 9 pt., but that section (see Section 7) is ragged right. References should be published materials accessible to the public. Internal technical reports may be cited only if they are easily accessible (i.e. you can give the address to obtain the report within your citation) and may be obtained by any reader. Proprietary information may not be cited. Private communications should be acknowledged, not referenced (e.g., "[Robertson, personal communication]").

A couple of citations with DOIs: [1, 2].

Online citations: [4–6].

Page Numbering, Headers and Footers

Do not include headers, footers or page numbers in your submission. These will be added when the publications are assembled.

RESULTS AND CONTRIBUTIONS

Place Tables/Figures/Images in text as close to the reference as possible (see Figure 1). It may extend across both columns to a maximum width of 17.78 cm (7").

Captions should be Times New Roman 9-point bold. They should be numbered (e.g., "Table 1" or "Figure 2"), please note that the word for Table and Figure are spelled out. Figure's captions should be centered beneath the image or picture, and Table captions should be centered above the table body.

References

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