How to Format Your Paper for the *1999 Congress on Evolutionary Computation*

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Abstract- These Instructions give you basic guidelines for preparing camera-ready papers for the 1999 Congress on Evolutionary Computation. This is the abstract. It is justified and in 10 point bold font. The heading "Abstract" a run-in heading and appears about 3" (75 mm) below the top of the page. The rest of this paper will provide format examples for all of the major components of your paper.

1 Introduction

This is an example of the format you will be using to prepare your paper for publication in the 1999 Congress on Evolutionary Computation. You should use an easily readable font, preferably Times Roman, for all fonts in the paper. Please do not use a typewriter-style font such as Courier.

The remainder of this article will provide examples of the formats of all the major components of your paper. Please follow these directions as closely as possible to ensure that our proceedings looks like the quality publication the content will make it.

To make these instructions a little more useful for our non-US authors, this document will try to give all measurements in both inches and millimeters. For those who are not familiar with typesetting terms, here are a few key definitions that will make reading the following easier:

- point - A unit of measure equal to 1/72 of an inch. A 10 point font then is 10/72 of an inch. Point is often abbreviated "pt".
- leading - the space between lines of text.
- 1" = 2.54 cm.

When preparing your paper, please be sure to consider and incorporate the comments from your reviewers. They spent their time reading your paper and making comments in order to help you publish the best paper possible.

2 Page Size and Layout

This format is designed for U.S. paper size of 8.5" x 11". which will be the published size of the proceedings. Here are the margin sizes for the format:

- Top Margin - 1.0" (25 mm)
- Left Margin - 0.75" (19 mm)
- Right Margin - 0.75"
- Bottom Margin - 0.75"

For those using European A4 paper (21 x 30 cm), you should stick to the Top and Left Margins and let the Bottom and Right Margins take up the excess. This goes for other paper sizes as well.

The double column layout requires the following measurements for the text columns:

- Column Width - 3.375" (86 mm)
- Column Height - 9.25" (235 mm)
- Gap Between Columns - 0.25" (6 mm)

You are allowed exactly 8 pages for your publication. No more. You can always take fewer pages but you may not take more than 8 pages. This includes all figures, tables, graphs, photos, and bibliography entries. If you simply must have more than 8 pages, the additional cost is $100 per extra page.

3 Title and Authors

The title of the paper is centered one inch below the top of the page in 16 or 14 point bold font. Use 14 pt font only if the length of your title makes it necessary.

Right below the title are the names of the authors, their affiliation information and their email addresses. The font size for the authors is 12pt while their affiliation information is in 10pt. The author font is bold but the affiliation is not, as shown above.

The organization for the authors above is just an example. You can center all names if you'd rather. But be certain that the top of the main body of your article begins pretty close to 3" (75 mm) below the title. Remember to leave a little room below the affiliations so as not to crowd the top of the text in the columns.

4 Body Paragraphs

The main text for your paragraphs should be 10pt font with 1 or 2 pt leading. Again, don't use a typewriter-style font (e.g. Courier). Use a more readable and clear font like Times Roman for your paper.

All body paragraphs should have the first line indented about 0.175" (44 mm) except for the first paragraph following a heading which is not indented.

Figure 1: CEC99 header, expanded on 2 columns

5 Section Headings

Section headings come in three varieties: first level headings, sub-headings (i.e. greater than first level heading) and unnumbered headings. All section headings should be numbered sequentially, except for unnumbered headings which are, of course, unnumbered.

5.1 First-level Headings

First level section headings, (i.e. 1.0) are 12pt bold with 12pt of leading before and 6pts of leading after.

5.2 Higher Sub-Headings

For Sub-Headings higher than First-Level, use 10pt bold font. It is permissible to use italics for these headings, but be consistent!

5.3 Unnumbered Headings

The section heading for the Acknowledgments and Bibliography sections are both unnumbered headings. These headings are identical to First-Level Headings except they do not have numbers. See the end of this example article for how they should look.

6 Footnotes

Footnotes, should be used sparingly[1] if at all[2]. Footnotes should be 9pt font with 1 pt leading and should appear at the bottom of the page within a single column[3]. A thin rule (line) should be used to set off the footnote from the text[4].

Moreover, LaTeXtends to lose balance between columnsif too many footnotes are present.

[1] When used too much, footnotes can ruin a paper by breaking-up the flow of the thoughts in the text.

[2] Most times a parenthetical remark within the text body is sufficient and a footnote can be avoided.

[3] Be sure not to violate the bottom margin by the placement of a footnote!

[4] As shown at the top of this set of footnotes.

7 Citations in Text

Author's name and year, e.g., (Fogel 1995), is the preferred format. But use the form you are most comfortable with. Check to be sure that the references are complete and accurate.

The bibliography format again should be whatever you are comfortable with. It is preferred you use a format similar to the *IEEE Transactions* formats, but any will do. Be sure to list the page numbers for articles appearing in edited volumes, such as conference proceedings. Also be sure to list the first initials and full last names of the editors for an edited volume.

8 Illustrations

Place illustrations (figures, tables, drawings, and photographs) throughout the paper at the places where they are first discussed in the text, rather than at the end of the paper. If placed at the bottom or top of the page, the illustration may run across both columns.

This is a test with a figure into one single column

Figure 2: CEC99 header

and you can see at top of this page Figure 1 running across both columns.

Number illustrations sequentially (but number tables separately). Place the illustration numbers and caption under the illustration in 9pt font. Do not allow illustrations to extend into the margins or the gap between columns (except 2-column illustrations may cross the gap).

9 Identifying Your Paper

Please be sure to write the names of the authors and the page number on the back of each page of your paper lightly in pencil. Number your pages sequentially starting at "1". This information is for identification only; final page numbers will be assigned by the publisher.

10 Conclusions

If you have any questions, please contact one of the authors of this document by email, or send a note to the conference email at *cec99natural-selection.com*.

Acknowledgments

This format example was patterned after a similar example provided for the authors of the EP96 conference proceedings ([ange96]) and was modified for usage for CEC99. The EP96 format instructions acknowledged Stuart Wilson for providing the initial write-up for the format from which much of that example was generated ([ange96]).

Bibliography

[ange96] Angeline, P. and Baeck, T. (1996) "How to Format Your Paper for the Fifth Annual Conference on Evolutionary Programming," Unpublished Document Provided to EP96 Authors.