

**Instructions for Submitting the Electronic Version of Your Paper for
CD-ROM Proceedings of ASP-DAC 2000**

1. Background

Instructions for CD-ROM Proceedings

ASP-DAC plans to publish a CD-ROM version of the ASP-DAC 2000 Proceedings in addition to the normal paper form. In order for your paper to be included in the CD-ROM Proceedings, you must submit an electronic version of your paper. (You must also submit a separate version of your paper for the hardcopy proceedings. Follow instructions provided by the hardcopy publisher.) Both are due on **November 12, 1999.**

You are strongly encouraged to submit your electronic version in PDF since the CD-ROM Proceedings will be composed of PDF files. Further instructions and guidelines are below.

****Please**** pay special attention to the information about fonts. The fonts you use will affect the readability of your paper on the CD-ROM.

2. What to Submit

Prepare a PDF file of your entire paper and submit two files:

- (1) <s_n>.rea: a readme text file containing the title, author names, their affiliations, and your email address. Please also specify how you generated the PDF or PS file.
- (2) <s_n>.pdf: PDF file of the entire paper. We ****strongly recommend**** that you specify standard Adobe fonts, such as Times Roman, Courier, Helvetica, and Symbol for the entire paper, including mathematics. It is very important that you generate your file using Type-1 (Adobe) fonts. Non-Adobe fonts do not show well on the computer terminal and paint the screen slowly! If you cannot generate a PDF file, a PostScript file is acceptable and the same font restrictions apply. See below for more information about fonts.

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If you cannot produce the PDF file of the entire paper, you may submit a PostScript file, or the file generated by your word processor (Latex, Framemaker, MS Word, etc.). In these cases, you should give detailed specifications in the 'readme' file about the type of word processor you used. We shall try our best to include your paper in the CD-ROM Proceedings, but we cannot guarantee its appearance to your satisfaction.

3. How to Name Your Files

The file names should include the session number of your paper(s) and the paper number within the session (n), separated by an underline, and the appropriate suffix describing the contents of the file (e.g., if your paper is the second paper in Session 8A, or 8A.2, then s=8A and n=2, and the filename should be 08a_2.pdf for a PDF file). Note the lower case letter, and the use of an underline instead of a hyphen.

***If you do not know the session number of your paper, you may use any other identifying name (e.g., the paper number from the review process, the primary author's name, etc.).

4. How to Submit

Instructions for CD-ROM Proceedings

Instructions are written in the acceptance letter. If you lost your letter, please contact to the publication chair of ASP-DAC 2000:

5. Tips for Authors

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FONTS:

Instructions for CD-ROM Proceedings

Most of the problems we have with files for the CDROM are related to the fonts used in the papers. It is highly recommended that you preview how your paper will look. You can do this by viewing your PDF file with Adobe Acrobat Reader. Also, print your file. If you cannot print it, then we probably will have trouble processing it.

It is ****very important**** that you use standard Adobe Type 1 fonts, if at all possible. Even though other fonts will look fine over a PostScript viewer, when the files are distilled into PDF files, non-Adobe fonts are extremely difficult to read on the screen.

IMPORTANT: LaTeX users - LaTeX files are particularly problematic and when converted to PDF are almost unreadable on the screen. This is because the default fonts are transformed to bitmapped fonts when the PostScript file is made into PDF. A solution to this problem is:

LaTeX users should utilize the Times Roman PostScript font when formatting their documents for publication. This can be achieved easily by specifying Times font at the documentstyle command:

```
¥documentstyle[times]{article}
```

Although the mathematics fonts used by LaTeX are not Type 1 fonts, the appearance of the document can improve tremendously if the above command is used in the TeX document. If the author uses LaTeX2e package, it is even possible to use Type 1 fonts for mathematical symbols. You need to have the package mathptm. If you are using LaTeX2e, use the macro:

```
¥usepackage{mathptm}
```

If you are using the older LaTeX, include mathptm in documentstyle:

```
¥documentstyle[mathptm]{acmconf}
```

See <http://www.siggraph.org/publications/prep/paper-prep.html> for more help with this problem.

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COLOR:

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The CD-ROM can show color in your files very nicely. You are encouraged to use color to enhance your illustrations and figures. Please do not go overboard with this, however. And do not use color for your text, only in illustrations and figures. For examples of files making good use of color, see <http://www.sigda.acm.org/Iccad/Iccad98/> and look at papers 03b_3 and 05a_1.

PAPER SIZE:

Authors who normally use A4 paper: please format your electronic file to reflect the US standard size paper of 8 1/2 by 11 inches. If that is not possible, please leave a substantial top margin, as the top margin is often reduced when converting A4 formatted PostScript files into PDF.

Finally, check that the page order within your file is correct. We receive quite a few files that have the pages of the paper in reverse order. In those cases, we must ask the author to resubmit the file.

6. For More Information

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Thank you very much for your cooperation.