*Volume 0* (*1981*), *Number 0 pp. 1–4* COMPUTER GRAPHICS *forum*

LATEX Author Guidelines for EUROGRAPHICS Proceedings Manuscripts

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# Abstract

*The ABSTRACT is to be in fully-justified italicized text, between two horizontal lines, in one-column format, below the author and affiliation information. Use the word “Abstract” as the title, in 9-point Times, boldface type, left-aligned to the text, initially capitalized. The abstract is to be in 9-point, single-spaced type. The abstract may be up to 3 inches (7.62 cm) long.*

*Leave one blank line after the abstract, then add the subject categories according to the ACM Classification Index (see* [*http://www.acm.org/about/class/class/2012)*](http://www.acm.org/about/class/class/2012))

# CCS Concepts

* ***Computing methodologies*** *→ Collision detection; •****Hardware*** *→ Sensors and actuators; PCB design and layout;*

# Introduction

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# Formatting your paper

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Columns are to be 84 mm (3.3 inch) wide, with a 8 mm (0.315 inch) space between them.

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AUTHOR NAME(s) and AFFILIATION(s) are to be centered beneath the title and printed in Times 9-point, non-boldface type. This information is to be followed by two blank lines.

The ABSTRACT ist to be in a one-column format. The MAIN TEXT is to be in a two-column format.

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MAIN TEXT. Type main text in 9-point Times, single-spaced. Do *not* use double-spacing. All paragraphs should be indented 1 em (the length of the dash in the actual font). Make sure your text is fully justified – that is, flush left and flush right. Please do not place any additional blank lines between paragraphs. Figure and table captions should be 9-point Times boldface type as in Figure [2](#_bookmark2).

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**Figure 1:** *’Empty’ figure only to serve as an example of long caption requiring more than one line. It is not typed centered but aligned on both sides.*

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* + - **one** author: first 3 chars plus year – e.g. [[Lou90](#_bookmark8)]
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**Figure 2:** *Here is a sample figure.*

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# Color

**Please observe:** as of 2003 publications in the proceedings of the Eurographics Conference can use color images throughout the pa- per. No separate color tables are necessary.

However, workshop proceedings might have different agree- ments! Figure [3](#_bookmark9) is an example for creating color plates.

# Embedding of Hyperlinks / Typesetting of URLs

Due to the use of the package hyperref the original behavior of the command *\*url from the package url is not available. To cir- cumvent this problem we either recommend to use the command

*\*httpAddr from the included package egweblnk (see below) or to replace the command *\*url by the command *\*webLink – e.g. in cases where *\*url has been used widely in BibTeX- References. In the latter case we suggest to run BibTeX as usual and then replace all occurences of *\*url by *\*webLink

The provided commands for hyperlinks, in a nutshell, are:

*\*httpAddr {URL without leading ’http:’}

e.g. [http:](http://diglib.eg.org/EG/DL/WS)//diglib.eg.org/EG/DL/WS

*\*ftpAddr {URL without leading ’ftp:’}

e.g. [ftp:](ftp://www.eg.org/EG/DL/ftpupload)[//www.eg.org/EG/DL/ftpupload](http://www.eg.org/EG/DL/ftpupload)

*\*URL {url}

e.g. <http://www.eg.org/EG/DL/WS>

*\*MailTo {Email addr}

e.g. [publishing@eg.org](mailto:publishing@eg.org)

*\*MailToNA {emailName}{@emailSiteAddress}

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Users with no access to these PDF creation tools should make available a PostScript file and we will make a PDF document from it.

The PDF file *must not* be change protected.

# Configuration Notes: dvips / ps2pdf / etc.

dvips should be invoked with the -Ppdf and -G0 flags in order to use Type 1 PostScript typefaces:

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If you are using version 7.x of GhostScript, please use the following method of invoking ps2pdf, in order to embed all typefaces and ensure that images are not downsampled or subsampled in the PDF creation process:

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-dCompatibilityLevel=1.3 \

-dSubsetFonts=true \

-dEmbedAllFonts=true \

-dAutoFilterColorImages=false \

-dAutoFilterGrayImages=false \

-dColorImageFilter=/FlateEncode \

-dGrayImageFilter=/FlateEncode \

-dMonoImageFilter=/FlateEncode \ mypaper.ps mypaper.pdf

If you are using version 8.x of GhostScript, please use this method in place of the example above:

ps2pdf -dPDFSETTINGS=/prepress \

-dCompatibilityLevel=1.3 \

-dAutoFilterColorImages=false \

-dAutoFilterGrayImages=false \

-dColorImageFilter=/FlateEncode \

-dGrayImageFilter=/FlateEncode \

-dMonoImageFilter=/FlateEncode \

-dDownsampleColorImages=false \

-dDownsampleGrayImages=false \ mypaper.ps mypaper.pdf

# Configuration Notes: pdftex / pdflatex / etc.

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Linux users can run the updmap script to do this:

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Windows users should edit the updmap.cfg files found in their TeX installation directories (one or both of the following may be present):

INSTALLDIR\texmf\web2c\updmap.cfg INSTALLDIR\localtexmf\miktex\config\updmap.cfg

Ensure the value for pdftexDownloadBase14 is "true," and then follow the instructions found here: [http:](http://docs.miktex.org/manual/)//docs.miktex. org/manual/ to update your MikTeX installation.

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# Conclusions

Please direct any questions to the production editor in charge of these proceedings.

# References

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[tb00430.x](http://dx.doi.org/10.1111/j.1467-8659.1990.tb00430.x). [2](#_bookmark0)

 

**Figure 3:** *For publications with color tables (i.e., publications not offering color throughout the paper) please* ***observe****: for the printed version – and ONLY for the printed version – color figures have to be placed in the last page.*

*For the electronic version, which will be converted to PDF before making it available electronically, the color images should be embedded within the document. Optionally, other multimedia material may be attached to the electronic version.*