Author Instructions for Workshop Vision, Modeling, and Visualization Proceedings

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Abstract

These are the author instructions for preparing manuscripts for the *Vision, Modeling, and Visualization* workshop proceedings. Please adhere to these instructions as close as possible, such that uniform, high-quality proceedings can be produced.

1 Preparing the Manuscript

In order to guarantee uniform, high-quality proceedings, please adhere to the following steps when preparing your manuscript:

1. Prepare your manuscript using LaTeX according to the paper layout described in Section 2
2. Create a valid PDF document as described in Section 3

2 Paper Layout

Papers must be prepared in LaTeX using the `vmv` style that is provided in the file `vmv.cls` that is part of this package:

```
\documentclass[vmvpaper]{vmv}
```

You may well use the author instruction file `instructions.tex` as a starting point for your own paper.

2.1 Page Limits

Each paper may have up to 10 pages. The proceedings will be printed in color.

2.2 Language

All manuscripts must be written in English.

2.3 Figures and Images

All graphics should be centered. For all figures please keep in mind that you must not use images with transparent background! If your paper includes images, it is very important that they are of sufficient resolution to be faithfully reproduced. Illustrations and figures may span both columns.

2.4 References

- References to literature should be indicated in square brackets [1].
- References to figures, sections and tables should be as follows: Figure 1, Section 2 and Table 1.

Figure 1: A sample figure.

Table 1: This is a simple table.

Result	Factor	Time
A	1.00	4:12
B	0.67	2:50
A+B	0.87	3:40

2.5 Abstract

Each paper should begin with an abstract of about 100-150 words.

2.6 Footnotes

Please do not use footnotes.

3 PDF Creation

Your final paper must be delivered as a PDF document that satisfies the following criteria:

- All typefaces (even the "standard" ones) must be embedded in the document.
- The images may not contain transparent pixels (i.e. no α-channel).
- The images must not be down- or subsampled during the PDF creation process.
- The PDF file must not be change protected.

Note that the manuscripts that you prepare will be printed as received.

3.1 Using `dvips` and `ps2pdf`

LaTeX users should create their document with `dvips` and `ps2pdf` as follows:

```
dvips -Ppdf -G0 \
      -o mypaper.ps mypaper.dvi

ps2pdf \
   -dMaxSubsetPct=100 \
   -dCompatibilityLevel=1.3 \
   -dSubsetFonts=true \
   -dEmbedAllFonts=true \
   -dAutoFilterColorImages=false \
   -dAutoFilterGrayImages=false \
   -dColorImageFilter=/FlateEncode \
   -dGrayImageFilter=/FlateEncode \
   -dMonoImageFilter=/FlateEncode \
   mypaper.ps mypaper.pdf
```

3.2 Using `PDFWriter`

Adobe's PDFWriter is not acceptable for use. Documents created with PDFWriter will be returned to the author for revision

3.3 Using `pdflatex` or `Distiller`

Adobe Distiller and `pdflatex` (and its variants) are acceptable for use, only if the author can make certain that all typefaces are embedded and images are not downsampled or subsampled during the PDF creation process.

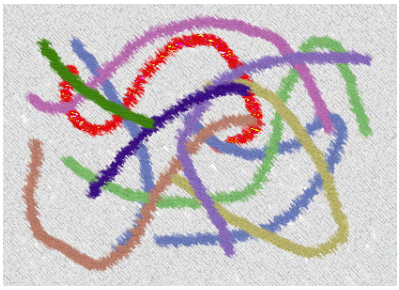

Figure 2: A sample image

References

[1] F. S. Grassia. Practical parameterizations of rotations using the exponential map. *Journal of Graphics Tools,* 3(3):29–48, 1998.

[2] T. Leung and J. Malik. Recognizing Surfaces using Three-Dimensional Textures. In *Int. Conf. on Computer Vision,* 32–46, 1999.

[3] S. Upstill. *The RenderMan Companion.* Addison-Wesley, 1990.