

Immersive Aerodynamic Sound

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Figure 1: Spring Training 2009, Peoria, AZ.

Abstract

Hello In this sample paper, we describe the formatting requirements for content accepted to SIGGRAPH-sponsored events. The same format can be used for content ranging from a one-page Poster or Talk abstract, to a full-length Technical Paper. Please review this document even if you have submitted content to a SIGGRAPH-sponsored event in the past, as some of the details have changed relative to previous years.

CR Categories: I.3.3 [Computer Graphics]: Three-Dimensional Graphics and Realism—Display Algorithms I.3.7 [Computer Graphics]: Three-Dimensional Graphics and Realism—Radiosity;

Keywords: sound rendering

1 The Basics: General Organization

Your content should have the following elements, in this order:

- title, author, and affiliation information
- abstract
- CR categories *
- keywords *
- body of the content
- bibliography

CR categories and keywords are required for Technical Papers and Technical Briefs, and optional for all other types of content.

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The L^AT_EX and Word templates faithfully implement the formatting specifications in this document, and the sample PDF documents can be used as visual examples for organization and layout.

2 The Basics: Page Size and Columns

Your content should be formatted on a US Letter (8.5 inches wide by 11 inches tall) page size. Please make sure you're not working on an A4 page size. Page margins should be set at 0.75 inches on the right, left, and top, and one inch at the bottom. Two columns should be used throughout your content, except for the title, affiliations, and large images or tables which span both columns.

To summarize, here are the basic page specifications:

- page size: 8.5 inches wide by 11 inches wide (not A4)
- top margin: 0.75 inches
- right margin: 0.75 inches
- left margin: 0.75 inches
- bottom margin: 1 inch
- number of columns: 2
- column width: 3.3 inches
- column height: 9.25 inches
- column gutter: 0.33 inches

3 The Basics: Typefaces, Paragraphs, and Line Spacing

Please use a serif (Times, Times New Roman, etc.) typeface for the body of your content. This serif typeface should be used for everything except the title of your content and section headings, which should be set in a sans-serif (Helvetica, etc.) typeface.

Your content should be prepared with 9-point text and 10-point line spacing. This includes the references section. Do not reduce the typeface size or the line spacing of any part of your content, in an effort to fit more into a specific number of pages.

All typefaces used in your content must be embedded in the PDF you create.

Paragraphs are prepared without any indentation on the first line, and with a 10-point-tall space between paragraphs.

Please do not add page numbers to your content. They will be added during production.

4 The Basics: Title, Author, and Affiliation Information

The title, author, and affiliation information should be centered above the body of your content. The title should be set in a 14-point bold sans-serif typeface with 18-point line spacing. The author and affiliation information should be set in a 10-point serif typeface with 12-point line spacing.

The title should be appropriately capitalized. “All caps” is not appropriate. The following link provides assistance with appropriate capitalization:

<http://www.grammarbook.com/punctuation/capital.asp>

Affiliations should include your educational institution or employer’s name, and a valid e-mail address.

5 The Basics: Section Headings

Section headings should be set in a 10-point bold sans-serif typeface and numbered - “1”, “2”, and so on. Subsection headings should be set in a 10-point bold sans-serif typeface and numbered - “1.1”, “1.2”, and so on. Subsubsection headings should be set in a 10-point italic sans-serif typeface and numbered - “1.2.1”, “1.2.2”, and so on. A 10-point-tall space should separate a section heading and the next paragraph.

6 Abstract, Keywords, and CR Categories

Your content should begin with an abstract of about 150 words, describing the work and its contribution to the field.

Authors of technical papers and technical briefs must also provide a set of user-generated keywords and a selection of CR categories, from the following link:

<http://www.acm.org/about/class/1998/>

Authors of other types of content may include CR categories and keywords at their discretion.

7 ACM Rights Management Text

You are required to leave a blank space at the base of the left column on the first page of your content for the ACM rights management text. This blank space will be one column wide, and one inch tall for all types of content except technical papers accepted to our annual (SIGGRAPH and SIGGRAPH Asia) conferences. In this case, the space must be 1.5 inches tall. (These technical papers are accepted as articles in the ACM “Transactions on Graphics” journal, and the rights management text is slightly different, and occupies more space.)

8 Figures and Tables and Captions

Figures and tables can span one or both columns. Captions for figures should be centered underneath the figure. Captions for tables should be centered above the table.

Table 1: A simple table.

7C0	hexadecimal
3700	octal
11111000000	binary
1984	decimal

Please use 9-point bold serif type for the caption title, and 9-point serif type for the caption text (both on 10-point line spacing).

9 Citations and References

9.1 Citations

The SIGGRAPH citation format is the “author year” format [Pellacini et al. 2005]. The year is separated from the author by a single space [Yee 2000]. Two authors are separated by the word “and” [Parke and Waters 1996]. More than two authors are represented by the primary author and “et al.” [Levoy et al. 2000].

Multiple citations at a single point in the content are separated by semicolons [Levoy et al. 2000; Sako and Fujimura 2000].

When the last name of the cited author is part of the text, it may be omitted from the citation: “...as shown in Fedkiw et al. [2001], the coefficient remains...”

9.2 References

The reference list, or bibliography, must be unnumbered, alphabetized by the primary author’s last name, followed by the year of publication and other identifying information (article title, journal title, volume, number, etc.). Author names are arranged as “last name, initials.” The page number, if any, is the last piece of information in the reference.

The first line of each entry in the bibliography has no indentation. The second successive lines has a 2em indentation.

Please use 9-point serif type, with 10-point line spacing, for each entry in the bibliography, with a single blank line between each entry.

Journal, book, thesis, and conference proceedings titles are set in an italic serif type. AUTHOR NAMES SHOULD BE TYPESET IN A “SMALL CAPS” TYPEFACE.

10 Third-Party Material

If you are using third-party material in your content - that is, material which you or your co-authors did not create - you need to clearly identify it as such in the material itself or in the content’s caption, as shown in Figure 2.

ACM’s policy on third-party material can be found at the following link:

<http://www.acm.org/publications/third-party-material>

11 “Artistic Images” and Copyright Transfer

ACM’s rights management policy mandates that if copyright is transferred to ACM, and authors wish to retain copyright of one or more of their own images or figures in the content, they can identify them as “artistic images” by including the author’s copyright notice in the image itself or in the caption.



Figure 2: Ferrari LaFerrari. Image courtesy Flickr user “gfreeman23.”

(Please note that only technical papers and technical briefs have copyright transfer as an option. All other forms of content have permission and licensing options, but not copyright transfer.)

12 Author-Prepared Versions of Final Content

ACM’s rights management policy provides for author-prepared versions of final content to be made available on the author’s personal or employer’s web site for distribution.

The author is responsible for creating the article-specific notice and making it part of the PDF. The following is an example of such a notice. Yours will have the year, publication, and article DOI information specific to your final content.

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13 Application-Specific Notes

13.1 L^AT_EX

The “acmsiggraph” L^AT_EX class will faithfully implement the formatting specifications found in this document. Please look at the “template.tex” file that accompanies the L^AT_EX and BIBL^AT_EX class files, noting these points:

- In order to leave the correct amount of space clear for the rights management text, you must do two things:
 1. Use the proper parameter to the \documentclass command at the top of your source file: use “tog” for technical papers accepted to our annual events and published as TOG articles, and use “conference” for all other types of content. The parameter determines the amount of space left clear for the rights management text.
 2. Use the \copyrightspace command. It should be placed immediately before the first section of your paper.

If you do not use any parameter to the \documentclass command, and use the \copyrightspace command,

you’ll end up with much more blank space than you want or need.

- Many authors like to have a large image - called a “teaser” image - after the title, author, and affiliation and before the body of the paper. There is a command - \teaser - which can be used to place such an image. (As has been done in this example document.) Under certain circumstances, the space left clear for the rights management text will move to the base of the right column on the first page. This is acceptable.
- Use the \keywords command to define your own keywords, and the \keywordlist command to prepare and print that block of text.
- Use the \CRcatlist environment and the \CRcat command to define the CR categories appropriate for your paper.
- There are also “review” and “preprint” variations of this document class, to be used for material submitted for review, and accepted content to be distributed as a “preprint.” These variations have special commands associated with them; see the “template.tex” file for more information.

13.2 Microsoft Word

The “acmsiggraph.docx” file will faithfully implement the formatting specifications found in this document.

An appropriately-placed column break is one way to leave the right amount of space for the rights management text.

14 Proceedings Production

Your final content will be checked and, if found acceptable for publication, will have the appropriate page header and footer information and ACM rights management text added to it.

If your final content is not acceptable for publication - for example, unembedded typefaces, missing required elements, or modification of the format - you will be directed to correct these issues and submit a new version of your final content as soon as possible.

15 Contact Information

If you have questions or suggestions regarding this document, please contact Stephen Spencer at “spencer@cs.washington.edu”.

Acknowledgements

To Robert, for all the bagels.

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