EMCSR'98 Format Instructions for Authors

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Abstract

The *EMCSR'98 Proceedings* will be printed using the photo-offset print process directly from camera-ready copy furnished by the authors. To ensure that all papers in the *Proceedings* have a uniform appearance, authors are asked to adhere to the following instructions.

1 Introduction

Papers produced for EMCSR'98 using computer typesetting systems will be printed directly from A4 or 8-1/2 × 11″ size masters.

Output from such formatting software should be printed on heavy bond paper at 600 dots per inch or 300 dots per inch using a laser printer. (If you have a "write-white" laser printer you must use fonts specifically designed for it—not fonts for "write-black" printers.) *Do not use a line printer or dot matrix printer for final output.*

Please make sure that the print on your masters is dark and easily legible! The publisher cannot improve light or faded copy. Papers with especially poor quality output (such as light or gray type) and papers that significantly deviate from these instructions (such as eight-point or smaller type, or one-column format) will not be included in the proceedings.

1.1 Word Processing Software

As detailed below, ASCS has prepared and made available a set of LaTeX macros and Word template for use in formatting your paper. If you are using some other word processing software (such as WordPerfect), please follow the format instructions given below and ensure that your final paper looks as much like this sample as possible.

2 Style and Format

LaTeX and Word style files that implement these instructions can be retrieved electronically. (See Appendix A for instructions on how to obtain these files.)

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2.1 Layout

Print manuscripts two columns to a page, in the manner in which these instructions are printed. The exact dimensions for pages are:

- left and right margins: 20 mm
- column width: 82 mm
- gap between columns: 6 mm
- top margin—first page: 30 mm
- top margin—other pages: 15 mm
- bottom margin: 42 mm
- column height—first page: 180 mm
- column height—other pages: 240 mm

All measurements assume an A4-size page (210×297 mm). For 8-1/2 × 11″ size paper use the given top and left margins, column width, height, and gap and modify the bottom and right margins as necessary.

2.2 Title and Author Information

Center the title on the entire width of the page in a 14-point bold font. Place the names of authors below the title in a 12-point bold font, and affiliations and complete addresses directly below the author names in a 12-point (non-bold) font. A single author or a list of authors having the same affiliation should appear centered on the entire width of the page. An example for two authors with different affiliations is shown in the title of these format instructions.

Credit to a sponsoring agency appears in a footnote at the bottom of the left column of the first page. See the example in these instructions.

2.3 Abstract

Place the abstract at the beginning of the first column 75 mm from the top of the page, unless that does not leave enough room for the title and author information. Use a slightly smaller width than in the body of the paper. Head the abstract with "Abstract" centered above the body of the abstract in a 12-point bold font. The body of the abstract should be in the same font as the body of the paper.

The abstract should be a concise, one-paragraph summary describing the general thesis and conclusion of your paper. A reader should be able to learn the purpose of the paper and the reason for its importance from the abstract. The abstract should be no more than 200 words long.

2.4 Text

The main body of the text immediately follows the abstract. Use 10-point type in a clear, readable font with 1-point leading (10 on 11). For reasons of uniformity, use Computer Modern font if possible. If Computer Modern is unavailable, Times Roman is preferred.

Indent when starting a new paragraph, except after major headings.

Here is an example how to format items:

- This is the first item,
- this is item number two. It contains a long text which runs along several lines. Please note the correct indentation. Finally,
- this is the last item.

2.5 Headings and Sections

When necessary, headings should be used to separate major sections of your paper. (These instructions use many headings to demonstrate their appearance—your paper should have fewer headings.)

Section Headings

Print section headings in 12-point bold type in the style shown in these instructions. Leave a blank space of approximately 10 points above and 4 points below section headings. Number sections with arabic numerals.

Subsection Headings

Print subsection headings in 11-point bold type. Leave a blank space of approximately 8 points above and 3 points below subsection headings. Number subsections with the section number and the subsection number (in arabic numerals) separated by a period.

Subsubsection Headings

Print subsubsection headings in 10-point bold type. Leave a blank space of approximately 6 points above subsubsection headings. Do not number subsubsections.

Special Sections

The acknowledgments section, if included, follows the main body of the text and is headed "Acknowledgments," printed in the same style as a section heading, but without a number. This section includes acknowledgments of help from colleagues, financial support, and permission to publish. Please try to limit acknowledgments to no more than three sentences.

Any appendices follow the acknowledgments (or directly follow the text) and look like sections, except that they are numbered with capital letters instead of arabic numerals.

The references section is headed "References," printed in the same style as a section heading, but without a number. A sample list of references is given at the end of these instructions. Use a consistent format for references, such as provided by BibTEX.

2.6 Citations

Citations within the text should include the author's last name and the year of publication, for example [Dorffner, 1994]. Append lowercase letters to the year in cases of ambiguity. Treat multiple authors as in the following examples: [Miksch *et al.*, 1994] (for more than two authors) and [Matiasek and Trost, 1995] (for two authors). If the author portion of a citation is obvious, omit it, e.g., Trappl [1994b]. Collapse multiple citations as follows: [Trappl, 1994a; Horn, 1990].

2.7 Footnotes

Place footnotes at the bottom of the page in a 9-point font. Refer to them with superscript numbers.[1] Separate them from the text by a short line.[2] Avoid footnotes as much as possible; they interrupt the flow of the text.

3 Illustrations

3.1 General Instructions

Place illustrations (figures, drawings, tables, and photographs) throughout the paper at the places where they are first discussed, rather than at the end of the paper. If placed at the bottom or top of a page, illustrations may run across both columns. Securely attach them to the master form with glue stick, spray adhesive, rubber cement, or white tape. Do not use transparent tape as the printing process blurs copy under transparent tape.

Number illustrations sequentially. Use references of the following form: Figure 1, Table 2, etc. Place illustration numbers and captions under illustrations. Leave a margin of 6 mm around the area covered by the illustration and caption. Use 9-point type for captions, labels, and other text in illustrations.

Do not use line-printer printouts or screen-dumps for figures—they will be illegible when printed. Avoid screens or pattern fills as they tend to reproduce poorly.

3.2 Drawings

Draw original line drawings in *black ink*, not pencil. Do not color in drawings. Lines should be heavy enough to reproduce clearly.

3.3 Photographs

Due to the complicated handling required for a proper reproduction and the tight time scale it will not be possible to include photographs in the proceedings. Please do not include photographs in your paper.

4 Length of Papers

Authors are allowed *six* (6) pages. All illustrations and references must be included in the 6-page allowance.

We will *not* accept any extra pages. Papers over six pages will not be included in the proceedings.

[1] This is how your footnotes should appear.

[2] Note the line separating these footnotes from the text.

5 Identification

Your name must be typed or written in pencil on the *back* of every page of your master. This is crucial! In addition, the pages of your paper must be numbered sequentially (again, on the *back* of the page). Failure to do this may result in the exclusion of your paper or (worse) partial publication. Page numbering is for identification only. Actual page numbers will be assigned by the publisher.

6 Mailing

Make a good-quality photocopy (or an extra print) of your final paper and keep it in your files for reference, or in case your paper gets lost in transit.

Your paper (the original) must be *received* by our conference secretariat no later than **30 January 1998**. *Papers received later than this date will not be included in the Proceedings.*

Do not fold your paper for mailing. Mark your envelope clearly: **Do Not Fold or Bend**.

Use a reliable delivery service and address your package to:

EMCSR'98
Austrian Society for Cybernetic Studies
Schottengasse 3
A-1010 Vienna
Austria

7 Inquiries

If you have any questions about the preparation or submission of your paper, please contact:

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Acknowledgments

These instructions and the LaTeX and BibTeX files are adapted from Peter F. Patel-Schneider's files for IJCAI'95. The Word style file was adapted from the IJCAI'97 style file. Thanks to IJCAII for the allowance to use these macros.

A Using LaTeX or Word

A LaTeX style file for version 2.09 of LaTeX that implements these instructions has been prepared, as has a BibTeX style file for version 0.99c of BibTeX (*not version 0.98i*) that implements the citation and reference styles here.

A Word 6.0 style file that implements these instructions has been prepared.

The relevant files are available from the ASCS server via the World-Wide Web, anonymous ftp, and email. As these files may be changed to fix bugs, you should ensure that you are using the most recent versions.

To retrieve the files use one of the following methods:

World-Wide Web: Using a WWW client program, retrieve the files

```
http://www.ai.univie.ac.at/emcsr/emcsr98.tex
http://www.ai.univie.ac.at/emcsr/emcsr98.sty
http://www.ai.univie.ac.at/emcsr/named.bst
http://www.ai.univie.ac.at/emcsr/emcsr98.rtf
```

Ftp: For ftp access proceed as indicated here. Ftp syntax varies from host to host so your interaction may be different.

```
%ftp ftp.ai.univie.ac.at
Name: anonymous
Password: <your email address>
ftp> cd emcsr
ftp> get emcsr98.tex
ftp> get emcsr98.sty
ftp> get named.bst
ftp> get emcsr98.rtf
ftp> quit
```

Electronic mail: Send the following messages. (You can only retrieve one file per mail message.)

```
To: emcsr-info@ai.univie.ac.at
Subject: emcsr98.tex

To: emcsr-info@ai.univie.ac.at
Subject: emcsr98.sty

To: emcsr-info@ai.univie.ac.at
Subject: named.bst

To: emcsr-info@ai.univie.ac.at
Subject: emcsr98.rtf
```

References

[Dorffner, 1994] Georg Dorffner. A unified framework for of MLPs and RBFNs: Introducing conic section function networks. *Cybernetics & Systems*, 25(4):511–554, 1994.

[Horn, 1990] Werner Horn, editor. *Causal AI Models: Steps Toward Applications.* Hemisphere, Washington, DC, 1990.

[Matiasek and Trost, 1995] John Matiasek and Harald Trost. Implementing HPSG in FUF - an experiment in the reusability of linguistic resources. Technical Report TR-95-14, Austrian Research Institute for Artificial Intelligence, Vienna, 1995.

[Miksch *et al.*, 1994] Silvia Miksch, Werner Horn, Christian Popow, and Franz Paky. Context-sensitive data validation and data abstraction for knowledge-based monitoring. In Anthony G. Cohn, editor, *Proc. of the 11th European Conference on Artificial Intelligence (ECAI'94)*, pages 48–52, Amsterdam, August 1994. John Wiley & Sons.

[Trappl, 1994a] Robert Trappl, editor. *Cybernetics and Systems '94.* World Scientific Publishing, Singapore, 1994.

[Trappl, 1994b] Robert Trappl. Cybernetics and systems research on their way to the 21st century. *Informatica*, 18(1):5–6, 1994.