

GUIDELINES FOR PREPARING A PAPER FOR AKRR'05

Matti Pöllä¹ and Timo Honkela²

¹ Neural Networks Research Centre, Helsinki University of Technology,
P.O.Box 5400, FIN-02015 Espoo, FINLAND, mpolla@cis.hut.fi

² Neural Networks Research Centre, Helsinki University of Technology,
P.O.Box 5400, FIN-02015 Espoo, FINLAND, tho@cis.hut.fi

ABSTRACT

This is a template of a AKRR'05, KRBIO'05, and AMKLC'05 proceedings paper, as you should submit it. Use a two column format, with the title and author information centered across both columns on the first page. Illustrations and figures may also span both columns. Dimensions for the paper are specified in this text.

1. INTRODUCTION

The AKRR'05 Proceedings will be printed from the submitted file prepared by you. No changes will be possible after submission of your manuscript. Please adhere to the style guidelines below to allow us to maintain uniformity in the final printed copy of the Proceedings. If you have any questions, please contact us at our web site ¹ where the L^AT_EX, OpenOffice.org, and MS Word template and style files are available as well.

2. GENERAL INSTRUCTIONS

You should submit up to eight (8) A4-size pages that will be printed exactly as received, without any reduction. Papers longer than 8 pages will not be printed ². All text should be written in English, which is the official language of the symposium.

2.1. Layout specifications

All printed material, including text, figures, and tables, must be kept within a print area of 170 mm wide by 247 mm high. Do not write anything outside this area. The top margin must be 25 mm, except for the title page, and the left margin must be 20 mm. All text must be single spaced, in the specified two-column format. The columns are to be 81 mm wide, with an 8 mm space between them.

Since the columns of the paper are quite narrow, it is recommended to hyphenate the text. This is most easily done by using an automatic hyphenation feature of some word processing software.

Please, do not paginate your paper. The final page numbers will be assigned and printed later by the publisher.

¹<http://www.cis.hut.fi/AKRR05/>

²The papers accepted as posters will be published in four (4) pages.

2.2. Title page

The paper title should begin 35 mm from the top edge of the first page, centered, completely capitalized, and in Times (Times New Roman) font, boldface type, in 14-point size.

2.2.1. Author's name(s)

The author's name(s) and affiliations(s) appear below the title in 12-point capital and lower case letters. Author's name(s) should be typeset in italics. Include a mailing address here and your email address as well.

2.2.2. Abstract

Each paper should contain an abstract of about 100–150 words that appears at the beginning of the first column of the first page.

2.3. Type-style and fonts

All text should be in Times Roman or equivalent font, and the main text should have a font-size of 10 points.

The first paragraph in each section should not be indented, but all the following paragraphs within the section should be indented as these paragraphs demonstrate.

3. HEADINGS

Major headings should appear in 10-point bold face capital letters, centered in the column, with one blank line before and one blank line after. Use a period (.) after the heading number, not a colon.

3.1. Subheadings

Subheadings should appear in lower case (initial word capitalized) in boldface. They should start at the left margin on a separate line.

3.1.1. Sub-subheadings

Sub-subheadings, as in this paragraph, are discouraged. However, if you must use them, they should appear in lower case (initial word capitalized) and start at the left margin on a separate line, with paragraph text beginning on the following line. They should be in italics.

4. OTHER STYLE GUIDELINES

4.1. Abbreviations

Define abbreviations and acronyms the first time they are used in the text, for example like this: “This paper discusses independent component analysis (ICA)”.

4.2. Equations

The equations must be centered with respect to the column. Number equations consecutively with equation numbers in parentheses flush with the right margin of the column, as in (1). Define all the symbols in your equations before or immediately after the equation.

For example, to define ICA, we can use a latent variable model of n observed random variables x_n , which are modeled as linear combinations of n random variables s_n

$$x_i = a_{i1}s_1 + a_{i2}s_2 + \dots + a_{in}s_n, \forall i = 1, \dots, n \quad (1)$$

where the a_{ij} , $i, j = 1, \dots, n$ are some real coefficients. By definition, the s_i are statistically mutually independent.

Use the same letter size in equations as in the normal text. Note that a longer dash (–) rather than a hyphen (-) should be used for a minus sign, if possible.

4.3. References

We accept any major style of references, APA and IEEE styles as the first preferences. This policy is due to the multidisciplinary nature of the conference and the different styles commonly used on the relevant journals. The font size for the references is 9 point.

Examples of how to refer to a book [1], a journal paper [2], or a conference paper [3] are given in the reference list of this sample paper.

4.4. Illustrations

Illustrations must appear within the designated margins, and must be part of the submitted paper. They may span two columns. If possible, position illustrations at the tops of columns, rather than the middle or at the bottom. All illustrations must be captioned and numbered consecutively, in the order they first appear in the text, using Arabic numerals. Remember to use the term “Figure N” in both the caption and when it is referred in the main text, e.g. Figure 1.

4.5. Tables

All tables must be captioned and numbered consecutively, in the order they first appear in the text, using Arabic numerals. Remember to use the term “Table N” in both the caption and when it is referred in the main text.

5. CONCLUSION

Thank you for your prospective contribution. We look forward to seeing you at AKRR’05, KRBIO’05, and AMKLC’05!

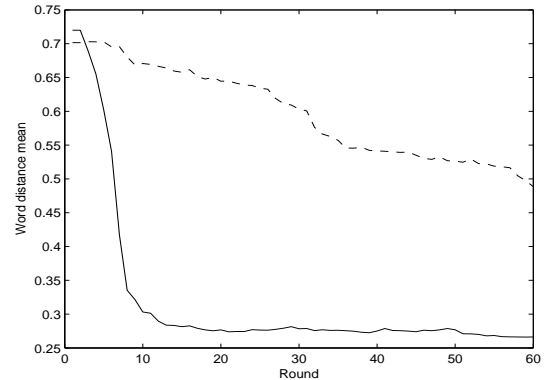


Figure 1. Figure example

6. ACKNOWLEDGMENTS

These guidelines are based on the similar instructions provided by the organizers of the recent FINSIG, NORISIG, ICASSP, and ICIP conferences. Their efforts are gratefully credited and acknowledged.

7. REFERENCES

- [1] A. Hyvärinen, J. Karhunen, and E. Oja, *Independent Component Analysis*, J. Wiley, 2001.
- [2] J.St.B.T. Evans, S. J. Handley, D. E. Over, and N. Perham, “Background beliefs in bayesian reasoning,” *Memory & Cognition*, vol. 30, pp. 179–190, 2002.
- [3] T. Honkela and A. Hyvärinen, “Linguistic feature extraction using independent component analysis,” in *Proc. IJCNN 2004 International Joint Conference on Neural Networks*, Budapest, Hungary, Jul. 2004, pp. 279–284.