Instructions to Authors - July 2000

Deadline: October 16, 2000

We must receive manuscripts <u>at</u> Caltech on or before Monday, October 16, 2000.   We will not accept manuscripts received after October 16, 2000.

Proceedings Computational Neuroscience Meeting
to be published as part of the journal Neurocomputing

General

Please read these instructions carefully. Please note that the Guest editor of the Proceedings will be collecting your work. If you have any queries regarding technical details, you can however contact the Authors Support Department at the Publisher: <u>authorsupport@elsevier.nl</u>.

Two copies of the manuscript should be sent to the Guest –Editor Dr. James M. Bower:

Please submit manuscripts directly to:

   CNS*2000 Proceedings
   Caltech
   Division of Biology 216-76
   Pasadena**,** CA 91125
   USA
   Attn: Judy Macias

   Questions:

Please contact Judy Macias
   E-Mail: judy@bbb.caltech.edu

General Instructions

Your paper should be introduced by three to five keywords and a self-contained abstract of no more than 100 words not counting the formulas.
Biosketch and photo (passport size) of each author should be supplied as well.
For the proceedings a limit of six typeset pages is valid.

Footnotes should be avoided if possible and be brief. They should be numbered consecutively.

Please make sure that the paper is submitted in its final form. Corrections in the proof stage other than printer's errors should be avoided: costs arising from such corrections will be charged to the authors.

An accepted article can be submitted in electronic form (a LaTeX file, or as a file from other word processors), but should always be accompanied by a paper manuscript (typed on one side in double spacing with wide margins). Only the final accepted manuscript can be submitted on disk, along with a paper- printed version, which is **identical** to the file. Please label the disk with your name, and mention which word processor you have used.

Please note that your submission, or any translation of it, should not have been copyrighted or published or is not being submitted for publication elsewhere.

Upon acceptance of an article, the author(s) will be asked to transfer copyright of the article to the Publisher. This transfer will ensure the widest possible dissemination of information.

References:

References should be listed alphabetically, as in the following examples: books [1], articles, in journal [2], papers in a contributed volume [3,4], unpublished papers [5].

[1]   E. Borger, Computability, Computability, Complexity, Logic (North-Holland, Amsterdam, 1989).
[2]   D.E. Knuth, Theory and Practice, Theoret. Comp. Sci.90 (1991) 1-15.
[3]   A.K. Lenstra and H.W. Lenstra, Jr., Algorithms in number theory, in: J. van Leeuwen, ed., Handbook of Computer Science, Vol. A (Elsevier, Amsterdam, 1990) 673-7115.
[4]   M. Li, Lower bounds by Kolmogorov complexity, in Proc. ICALP '85, Lecture Notes in Computer Science, Vol. 194 (Springer, Berlin, 1985) 383-393.
[5]   A. Rajasekar, Semantics for logic programs, Ph.D. Thesis, Department of Computer Science, University of Maryland, 1989.

Figures:

If you are considering the submission of your manuscript as an electronic file, you may wonder whether we would also like to have an electronic version of the illustrations. The answer is yes! Although there are still a large number of technical difficulties to overcome, we are processing graphic files in a growing number of cases. Both scanned and computer- generated illustrations, either colour or black & white are acceptable. (Note: for colour we charge!)

The following requirements are to be met:

Hard copy in all cases:
Since we cannot a priori guarantee the usability of your graphic file(s) hard copies of all illustrations should accompany the accepted printout of the manuscript in all cases. One set should be in publishable condition.

Diskette:
Files should preferably be submitted on diskette, either IBM or Macintosh. Submission via e-mail is not recommended for large files.

Format:
TIFF or EPS files are preferred. TIFF files should preferably be compressed, but only LZW (Macintosh) compression is acceptable. Please note the corrections in EPS figures are only possible if they have been prepared with Adobe Illustrator 3.0 or higher versions. The usability of other formats is to a large extent dependent on the information you supply us with concerning the soft- and hardware used. It is a good idea to put the relevant information in the header of the file.

Resolution:
Drawings made with Adobe Illustrator and Aldus Freehand (Macintosh) and CorelDraw (IBM/DOS) generally give good results. Drawings made in WordPerfect or Word generally have too low a resolution; only if made at a much higher resolution (1016 dpi) can they be used. Files of scanned line drawings are acceptable if done at a minimum of 1016 dpi. For scanned halftone figures a resolution of 300 dpi is sufficient. Scanned figures compressed with JPEG usually give no problems. Please note that scanned figures cannot be enlarged, only reduced.

Electronic Submissions: LaTeX

LaTeX files of papers that have been accepted for publication may be sent to the Publisher by e-mail or on a diskette (3.5"or 5.25"MS/DOS). If the file is suitable, proofs will be produced without rekeying the text. The article should be encoded in ESP- LaTeX, standard LaTeX, or AMS-LaTeX (in document style article"). The Elsevier- LaTeX package, together with instructions on how to prepare a file, is available from the Publisher. This package (including detailed instructions for LaTeX preparation) can be obtained from the Comprehensive TeX Archive Network CTAN). Search for Elsevier on the CTAN Search page or the CTAN- Web page or use direct access via FTP in Germany, United Kingdom or (Massachusetts USA) and go to the directory. (/tex-archive/macros/latex/contrib/supported/elsevier).
The Elsevier package consists of the files: ascii.tab (ASCII table), elstart.cls (use this file if you are using LaTeX 2e, the current version of LaTeX), elsart.sty and elsart12.sty (use these two

files if you are using LaTeX2.09, the previous version of LaTeX), instraut.dvi and /or instraut.ps (instruction booklet), readme. CTAN is a mirrored and hold up-to date copies of all the public-domain versions of TeX, LaTeX, Metafont and ancillary programs.

No changes from accepted version are permissible, without the explicit approval by the Editors. The Publisher reserves the right to decide whether to use the author's file or not. If the file is sent by e-mail, the full name of the journal should be mentioned in the subject field of the message to identify the paper. Authors should include an ASCII table (available from the Publisher) in their files to enable the detection of transmission errors. The files should be mailed to Elvira Nieuwerf, Elsevier Science B.V., P.O. Box 2759, 1000CT Amsterdam, Netherlands. Fax: + 3120 485 3276. E-mail: e.nieuwerf@elsevier.nl. NOTE: in the case of the proceedings, only send material directly to the Publisher after the Guest Editor has approved of this.

For the purpose of further correspondence the manuscript should end with a complete mailing address, preferably including e-mail address, of at least one of the authors.

Electronic submission: Non-LaTeX

The word-processed text should be in single column format. Keep the layout of the text as simple as possible; in particular, do not use the word-processor's options to justify the text or to hyphenate the words.

The electronic text should be prepared in a way similar to that of conventional manuscripts. The list of references tables and figure legends should be compiled separately from the main text. Do not reserve space for the figures and tables in the text; instead, indicate their approximate locations, either directly in the electronic text or on the manuscript.

The final text should be submitted both in manuscript form and diskette. Use standard 3.5"or 5.25"diskettes for this purpose. Both double density (DD) and high-density (HD) diskettes are acceptable.

It is recommended to tear the main text, list of references, tables and figure legends in separate text files with clearly identifiable file names (for example, with extensions. .TXT,.REF,.TBL,.FIG)

The format of the files depends on the word-processor used.

Texts made with DEC WPS PLUS, DisplayWrite, First Choice, IBM Writing Assistant, Microsoft Word, Multimate, PFS:Write, Professional Writer, Samma Word, Sprint, Total Word, Volkswriter, Wanfg PC, WordMARC, WordPerfect, Wordstar, or files supplied in DCA.RFT format can be readily processed. In all other cases the preferred text format is ASCII.

Essential is that name and version of the word-processing program and the type of computer on which the text was prepared is clearly indicated on the diskette label or the accompanying checklist.

The manuscript may contain parts (e.g. formulas or complex tables) or last minute corrections which are not included in the text on diskette; however, if this is the case then the differences with the diskette version should be clearly marked on the manuscript.