

Instructions for Authors

Machine Vision *and* Applications

Submission Information: Machine Vision and Applications accepts high-quality technical contributions which are within its aims and scope in two categories: long and short papers. Long papers are those which describe, for example, substantive new research results, a complete system designed to solve an important machine vision problem, or a comprehensive tutorial/survey. Short papers describe, for example, an algorithm, an implementation of a particular machine vision component, enhancements to previously published techniques, or an innovative application using well-known methods. Short papers usually have a shorter review and publication cycle. Five copies of the complete manuscript including all illustrations should be submitted to the Editorial Coordinator. Do not send original art with the submission. If the paper is accepted for publication, a final copy and original art will be requested.

Form/style: *Long* papers will not be over 30 manuscript pages in length (12 point type, **double-spaced**, 5 cm margins (2 inch) on one side of the paper only); *short* papers will not be over 15 **double-spaced** manuscript pages including figures, references, acknowledgements, footnotes, tables, and captions. As all papers are copy-edited, a double-spaced version is urgently required. Papers should be written in English. Form and content should be carefully checked to exclude the need for corrections at the proof stage. A charge will be made for changes introduced after the manuscript has been set in type. Before the paper is prepared, a copy of the journal should be consulted to ensure that the requirements concerning form and style of presentation are observed.

Title page: The title page must contain the title, the complete name(s) of the author(s), the name and full address of the laboratory or institution where the work was done, and the address, phone and fax number as well as the e-mail address of the Author to whom the correspondence should be sent. If the title requires a footnote, this must also be included on the title page indicated by an asterisk.

Authors' biographies: Authors should supply a brief biographical summary of between 50 and 100 words and a black and white glossy photograph, passport sized.

Abstract: Each paper must start with an abstract, summarizing its contents. Abstracts should not exceed 100 words. It should be a concise summary of the main theme of the paper and the specific contributions made.

Key words: Immediately following the abstract no more than 5 key words are to be supplied for subject indexing. They should not simply be taken from the title, but should be representative of the content of the whole article and characteristic of the terminology used within the particular field of study.

Introduction: The introduction should be concise and define the scope of the work in relation to other work done in the same field. It should not, as a rule, give an exhaustive review of the literature.

Footnotes: Footnotes, other than those referring to the title, should be numbered consecutively and placed at the foot of the manuscript page on which they belong (not at the end of the paper). Use footnotes only when absolutely necessary.

References: All references cited in the text are to be listed at the end of the paper in alphabetical order under the first author's last name. Chronological order is used for more than one publication by the same author or team of authors; where the author's names and year of publication are not enough to distinguish different papers, suffixes a, b, c, etc. should be added to the year.

Examples:

1. *Journal papers:*
Magenat-Thalmann N, Thalmann D (1986) Building complex bodies: combining computer animation with CAD. *Comput in Mechan Eng* 4:26-33

2. *Books:*
Preparata FP, Shamos MI (1985) *Computational geometry: an introduction*. Springer, New York Berlin Heidelberg

3. *Edited volumes:*
Dew PM, Dodsworth J, Morris DT (1985) Systolic array architectures for high performance CAD/CAM workstations. In: Earnshaw RA (ed) *Fundamental algorithms for computer graphics*. Springer, Berlin Heidelberg New York, pp 72-93

Responsibility for the accuracy of bibliographic references rests entirely with the author.

Citations in the text should be by author and year of publication in parentheses. Example: (Dew et al. 1985; Earnshaw 1985; Preparata and Shamos 1985)

Figures: All figures (halftone illustrations or line drawings) must be mentioned in the text, and the place at which figures are to be inserted should be indicated in the left margin of the paper. Label each figure lightly in soft pencil on the back to show the top of the figure, the authors' names, and the figure number. Figures must be numbered in the same order as the first reference to each occurs in the text. References to figures should be as follows: Fig. 3, Figs. 4, 5, Fig. 10a.

Halftone illustrations: please submit sharp, well-contrasted photographic prints, trimmed at right angles.

Line drawings: please submit high-quality glossy prints. The inscriptions should be clearly legible and in a size allowing for reduction. *Color figures* are only accepted in special cases and only if color is necessary for comprehension. Authors will be asked to make a contribution to the extra production costs involved. Questions about these costs should be addressed to the Production Department.

Captions: Captions should provide a brief, concise, self-sufficient description of each figure. Information given in the captions should not be repeated in the text. Captions should be listed on a separate page in the order they appear in the paper and appended to the manuscript.

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