

WELDING AND CUTTING

Technical journal for welding and allied processes

Guide for Authors



Key points at a glance:

- Submit the manuscript as an MS Word compatible (in these guidelines for readability only referred to as Word) file. The standard Word styles - Normal, Title, Heading, Caption - should be adapted using this document so that you can start writing your article immediately. Please do not use manual hyphenation to break up a word at the end of a line. Use English UK language setting and spell check. Your Word document will be used for peer review and copy editing. The final layout and typesetting of the article will be done by us.
- Separately label figures (photos, drawings, schematic illustrations, diagrams) and tables (numerical tables, tabular comparisons). Image files must have a minimum resolution of 300 dpi. Accepted file formats: TIFF, JPEG, PNG. Please submit individual figures in separate files; tables should also be submitted in individual Word or Excel files.
- Measurement units must strictly conform to SI standards. Obsolete units such as at.% or wt.% should not be used.
- The journal's design standard does not allow the placement of trademark or registered symbols or the use of all-capital lettering for company and product names.
- When citing sources, please use numerical style: assign numbers to references in the order in which they appear in the text. Please avoid using Word's automatic reference generation.

1 Content and formal text design

1.1 Files

Please submit the following files:

- A complete text file in Word with formulas in-place within the text, but all images and tables embedded at the end of the document for editorial processing and the peer-review procedure.
- Article images also submitted as separate files (TIFF, JPEG, PNG) with min. 300 dpi resolution, named "Fig. 1, Fig. 2"
- Formulas included in the text also contained within individual PDF files named "Formula 1, Formula 2, ...".
- Each table in an individual Word or Excel file, using file names "Table 1, Table 2, ...".
- (See also the notes in Section 2, Figures and Tables)

1.2 Structure of the article

Your article should contain a maximum of approx. 27,000 characters including spaces and consist of a preface, main text and references.

1.2.1 Preface

The preface contains the following elements in the order listed:

- Full names of all authors without titles
- Article title: max. 100 characters including spaces
- Abstract: max. 1,500 characters including spaces; no paragraphs

1.2.2 Main text

The main text should be structured to a maximum of three levels. The introduction does not require a heading.

- Section headings may contain a maximum of 40 characters.
- The main text should end with a conclusion addressing any further planned investigations and an outlook on unresolved issues or similar topics. For research papers: identify any implications for potential practice.

1.2.3 References

Refer to the corresponding reference using numbers in brackets, for example:

- [1] Matting, A., and G. Jacoby: The Degradation of Metallic Materials under Cyclic Loading in Fractography. Aluminium 38 (1962), No. 10, pp. 654–61.
- [2] Neumann, A.: Welding Technology Handbook for Designers, Vol. 1, pp. 31–40. DVS Media, Düsseldorf, 1990.

All sources (including online sources) must be cited according to DIN ISO 690. Number the references consecutively in the order in which they appear in the text. Please avoid using Word's automatic reference generation if possible.

1.3 Formal text design

The maximum length of the formatted article is 27,000 characters (including spaces).

- WELDING AND CUTTING uses the spellings and language rules recommended by Oxford Dictionary.
- Tabs should only be used for lists and bullet points. Tables should be created in Word using the table editor. Equations and formulas must be numbered consistently using Arabic numerals (in parentheses).

2 Figures and Tables

Figures are important supplementary elements in scientific texts. Please observe the following guidelines:

- A maximum total of 7 figures and tables.
- Drawings, diagrams and images are labelled with "Fig. and a number"
- Figures and tables are numbered consecutively within the article (e.g., Fig. 1, Fig. 2, etc.) and each must be cited at least once in the manuscript text.
- The caption must be placed outside graphic image boundaries. It should describe the content of the figure so that it is self-explanatory.
- Captions must include copyright information (e.g., Fig. 1: text (© Source)). All captions should be grouped together at the end of the article.
- The font used in all figures should be consistent.
- Please avoid effects such as fill patterns, outline fonts, gradients and shadows.
- Figures should preferably be in colour; minimum resolution 300 dpi; and TIFF, JPEG or PNG file formats.

3 Authors

- Word file for each author with titles, first names and last names; current professional/job titles with institution, employer and (optional) e-mail addresses as well as short CV for our on-line-database
- JPG with portrait photo

4 Acknowledgements

For manuscripts related to IGF projects, please include an acknowledgement.

Contact the editorial office

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