



Matériaux & Techniques Instructions to Authors

The submission stage

Authors are encouraged to submit their manuscripts electronically through the web at the following address:

<https://mts.edpsciences.org/is/mattech>

or by connecting to the website of the journal at:

<http://www.mattech-journal.org/>

For the peer review process, manuscripts should be preferably in one single PDF with text, figures and tables. Word, PS or RTF files are also accepted. In exceptional cases, the manuscript can be directly addressed to the Editorial Office:

Revue Matériaux & Techniques
Université Paris-Sud, Bât. 510
91405 Orsay Cedex, France
mattech@edpsciences.org

Authors are encouraged to suggest a list of possible referees.

Manuscripts should be written preferably in French but English is also acceptable. *Matériaux & Techniques* can only consider articles that have been approved by all co-authors, and that have not been published and are not currently submitted for publication in any other journals. When an author has used a figure or a table from another publication, he should indicate clearly the origin of the manuscript and should also obtain the permission for reproduction from the publisher concerned. All papers are reviewed and only the articles positively evaluated will be accepted for publication.

Authors list

The list of co-authors should remain unchanged from submission to final decision. However it is acceptable to add to the list the names of new co-authors who contributed to the revisions. A mandatory written agreement is required from authors whose names have been deleted from the revised version.

Evaluation in the first instance

The editorial committee reserves the right to decide whether or not a new submission should be sent to the referees. A manuscript which does not meet the publication criteria can be rejected directly (poor quality of presentation, inappropriate subject matter or content errors).

Peer review

The editor usually collects two independent reports. However in the case of a clear cut final decision, the editor is allowed to take a decision on the basis of a single report. In the case where the referees cannot agree, an independent expert is asked to act as an adjudicator for the paper.

Deadline for revision

The revised version should be received within 3 months from the editorial decision; resubmission after that date will be dealt with as a new manuscript. However, should the revisions require more time; it is possible to request an extended deadline from the editorial office.

Withdrawal of a paper

Papers can be withdrawn from *Matériaux & Techniques* after submission provided that they are accompanied by a letter of explanation giving the reasons of the withdrawal. After the withdrawal, the article file is closed immediately.

The acceptance stage

At this stage, an electronic version of the manuscript in one of the following formats is required: Word, RTF, TeX or LaTeX for the text; EPS, TIF or JPG formats for the Figures (in high resolution, > 300 dpi).

Authors are informed that any missing element in an accepted article (electronic file of the text and figures for example) will delay the publication date. The editorial board will keep the paper on a waiting list until all missing material is received. The publication of the paper is free of charge.

Style Guide

The manuscript should be typed double-spaced (Times New Roman, 12 pts) with margins of at least 3.5 cm at the top, bottom and sides, and print only on one side of the sheet. All pages should be numbered. The manuscript should be presented as follows: title page, abstract and keywords, nomenclature, introduction, materials and methods, results, discussion, acknowledgments, references, figure legends, tables, figures and finally, annexes.

Section headings should be numbered following the international numbering system (1., 1.1., 1.1.1., etc.).

Punctuation characteristics of the English language should be used (semi-colons, colons, question marks and exclamation marks are never preceded by a space in English). Abbreviations should be punctuated. There is no space between opening and closing brackets and the following and preceding words. Uppercase letters should be accented; small capitals should not be used.

All measurements, data and symbols should be given using international norms (ISO) and should always be written in italic. SI units should be used: the unit “litre” should be abbreviated as “L” (also mL, μ L, etc.), minutes as min and degrees as $^{\circ}$ C or K. All units should be typeset in roman. Note that Angstrom is not accepted anymore and should be replaced by nanometer ($1\text{nm}=10^{-9}\text{ m}$) or picometer ($1\text{ pm}=10^{-12}\text{ m}$). Multiple units should be written with negative exponents (example: $\text{W}\cdot\text{m}^{-1}\cdot\text{K}^{-1}$).

Title page

The title page should include the following: the title of the article, which should be concise but explicit, the surname and forenames (in full) of each author, the department and institution where the study was carried out, the e-mail address of the corresponding author (this author being identified by an asterisk), and a short title (running head) of no more than 45 characters, including spaces.

Abstract and keywords

The abstract (between 150 and 200 words) should be in a form suitable for abstracting services. It should contain no paragraphs, footnotes, references, cross-references to figures and tables or undefined abbreviations.

Up to five keywords should be supplied, to assist the reader and facilitate information retrieval. Keywords may be taken from the title, abstract or text. The plural form and uppercase letters should be avoided. Keywords should be written in bold lowercase letters, separated by slashes.

Equations and Numbers

Equations that are referred to in the text should be numbered with the number on the right-hand side and should be numbered sequentially throughout the text (i.e., (1), (2), (3)). Do not add punctuation at the end.

Be careful to make a clear distinction between the figure zero (0) and the letter O, the figure one (1) and the letter l, the Roman letter v and the Greek letter nu (ν). It is important to distinguish between \ln ($= \log_e$) and \lg ($= \log_{10}$).

Figures and Tables

Each figure and table should be cited in the text. Figures should be numbered sequentially—‘Figure 1’, ‘Figure 2’, and should be cited in the text as ‘Figure 1’, ‘Figure 2’ and (Fig. 1), (Fig. 2) in brackets. Each figure and table should have a brief caption describing it. Captions should be placed below the figure and at the top of the table.

Authors should remember that the final printed quality of illustrations can never be better than the quality of the original artwork. Lettering (symbols, numbers, etc.) should not differ from figure to figure and should be of sufficient size to remain legible after reduction (letters 1–2 mm high after reduction to either one- or two-column format). You should note that as part of the production and typesetting processes, figures may be resized to fit the design of the journal. Scaling of graphics will, of course, affect line thickness and text size in the figures. Figures should be planned for the column width (80 mm) of the journal. If the detail shown requires it, 1.5 or 2 columns may be used. The final size of capital letters or numerals in a figure usually lies within the range 1.6–2.3 mm to avoid any disproportion between figure/text character sizes.

By default, figures appear in colour in the electronic version but they are published in black and white in the paper version of the journal. If an author wishes to publish colour figures in the paper version, this will be at his expense. Authors having submitted colour figures and accepting a b/w version in print should satisfy themselves at the proof-reading stage that the b/w version is of satisfactory quality and no (ambiguous) reference is made to colour coding in the figure captions or in the main text.

References

It is important to confirm the accuracy of bibliographic information in references. This has become more important with the online version. Hyperlinks will be programmed to enable readers to jump directly to the material cited. If your reference citations are incorrect or incomplete (e.g., missing author name, or an incorrect volume number or page), the associated hyperlinks may fail, and the usefulness of your paper in the online environment may be diminished. References should be cited in the text by placing sequential numbers in brackets (for example, [1], [2,5,7], [8–10]). They should be numbered in the order in which they are cited. The reference list comes at the end of an article and consists of an *unnumbered* ‘References’ section containing references sorted according to the following referencing style:

Journals (all authors should be cited)

- [1] C. Smith, J.C. Green, Modeled behavior of hydrodynamic bearings in thermal engine, *Matériaux & Techniques* **96** (2008) 55-72

Books or Theses

- [2] X. Markenscoff, A. Gupta, Collected Works of J.D. Eshelby, The Mechanics of Defects and Inhomogeneities, Springer, 2006
- [3] F. Bouafia, Analyse numérique d’un comportement à la rupture des assemblages soudés par soudage par points, Thèse de magister, Université Djillai Liabes, Sidi Bel-Abbés, Algérie, 2007

Proceedings

- [1] S. Ozcan, B. Gurung, P. Filip, Measurement of the matrix/fiber interfacial strength of carbon/carbon composites, Proceeding of the 29th Cocoa Beach Conference, 2005

Annexes and electronic-only material

Use appendices if vital to the understanding of complex formulae and in this case, treat them as normal sections. If there are equations, they should be numbered separately from those in the main text as (A.1), (A.2), etc.

We encourage authors to submit multimedia attachments to enhance the online versions of published articles. Multimedia enhancements typically consist of video clips, animations or supplementary data such as data files, tables of extra information or extra figures, programs, etc. They can add to the reader's understanding and present results in attractive ways that go beyond what can be presented in the print version of the journal. For more information on the submission of this material (file requirements, etc.), please contact the Production Office.

Proofs and offprint orders

Proofs will be sent by electronic mail to the corresponding author indicated on the title page. Authors should keep in mind that reading proofs is their responsibility. Corrections should therefore be clear and the use of standard proof correction marks is recommended. Files typeset using Word, WordPerfect, RTF etc., *need heavy retyping* (equations and special characters are lost during the conversion process). The main aim of proofreading is to correct errors which may have occurred during the production process, and *not to modify the content of the paper*. The reproduction of artwork, the layout of the pages and equation spacing introduced by the production staff should be carefully checked. The proofs, once corrected, should be signed and returned to the publisher within 48 hours of reception with the copyright form. The PDF file of the article will be provided free of charge to the corresponding author.