



Instructions for preparing and submitting an article to Metallurgical Research & Technology

The submission stage

Authors are encouraged to submit their manuscripts electronically through the web at the following address: <https://articlestatus.edpsciences.org/is/metal/>

For the editorial process manuscripts should be uploaded preferably in one **single PDF file** with text, figures and tables incorporated.

If the readability of the PDF file (and later the source files) does not conform to the usual international style and codes, it will be returned to the authors for improvement.

Authors are encouraged to specify the relevant **section** and to suggest the names of **possible reviewers**.

Ethics before submission

Metallurgical Research & Technology can only process articles that have been **approved by all co-authors and that have not been published or submitted for publication elsewhere**.

Authors are encouraged to refer to [The Committee on Publishing Ethics \(COPE\)](http://publicationethics.org/) for all aspects of publication ethics: <http://publicationethics.org/>

Should a paper turn out to have been submitted to other journals concurrently, or to have been published in essentially the same form in a journal other than Metallurgical Research & Technology, this paper will be rejected categorically and immediately, and the editorial office(s) of the other journal(s) will be informed about this case. The authors concerned will not be allowed to publish in the journal concerned for two years.

Language

Manuscripts should be preferably written in **English**, although French is accepted.

For authors not fluent in English, we recommend having the manuscript carefully read by a native speaker before submission. Our journal only offers language editing services to accepted papers that require an already well-written paper at the time of submission.

Title

Manuscripts must be submitted with both a full title and a short title, which will appear at the top of the PDF upon publication, if accepted. The title should **reflect the contents** of the paper and be specific,

descriptive, concise, and comprehensible to readers outside the subject field (please avoid abbreviation and a title written in capital letters).

Authors and affiliations

All author names should be listed in the following order:

- First names (written **in full**),
- Middle names and
- Last names (surname, family name)

Each author should list an associated department, university, or organizational affiliation and its location, including city, state/province and country.

One author should be appointed as the corresponding author and his or her email address should be provided at submission.

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.

Abstract

Between 150 and 200 words, the abstract should **describe the main objective(s) of the study**. It should be informative and mention the main results and conclusions.

An English abstract is required in cases where the paper is written in French.

Keywords

Up to five keywords are required. English keywords are required in cases where the paper is written in French.

Introduction

The introduction should provide background that puts the manuscript into context and allows readers outside the field to understand the purpose and significance of the study. It should define the problem addressed and explain why it is important.

Figures

When an author has reproduced a figure or a table from another publication, he should clearly indicate the origin of the manuscript and should also obtain the **permission for reproduction** from the publisher concerned.

Each figure and table should be cited in the text and should be **numbered as follows**:

"There are about 185 901 nodes and 113 367 elements used (Fig. 21)."

Each figure and table should have a brief **caption** describing it.

The number of figures is not limited. However, it is important to make sure that all figures are necessary, not redundant, and well designed.

Colored figures are accepted in both the electronic and paper versions. In the paper version, they are at the author's expense (600 euros HT). By default, the figures are printed in black and white in the paper version but will be published in color in the electronic version free of charge. When submitting the final manuscript, you have to specify if you want to pay for having figures printed in color in the paper version. Please check and make sure in advance that figures to be printed in black and white in the paper version do not lose important information.

There is an option offered by our journal to publish **electronic-only material**. It concerns papers which contain extensive tabulations that will occupy a lot of space in the paper version. Electronic-only material is designed to provide supplementary information which is either too voluminous for printing or is designed specifically for the web. It may include, but is not restricted to: (large) tables; appendices; programs; images.

Reference Style

References must be listed at the end of the manuscript and **numbered in the order that they appear in the text**. In the text, citations should be indicated by the reference number in brackets, for example:

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

To ensure that the CrossRef facility can hyper-link to the articles quoted in the bibliography, **multiple references must not be used**, for example:

[1] C. Smith, J.C. Green, *Modeled behavior of hydrodynamic bearings in thermal engine, Matériaux & Techniques 96, (2008) 55-72*. Halog, A., Manik, Y., *Advancing integrated systems modeling framework for life cycle sustainability assessment, Sustainability 3, (2011) 469 - 499*

Each citation in the text can only refer to one article in the list of references and must be **numbered individually**, as follows:

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

[2] Halog, A., Manik, Y., *Advancing integrated systems modeling framework for life cycle sustainability assessment, Sustainability 3, (2011) 469 - 499*

Comments and notes are not allowed in the references; they should be placed as **footnotes**.

PDF and Source Files

Upon acceptance by the editor, both the PDF and source files corresponding to the final accepted version of the manuscript should be sent directly to the editorial office at: revue-metallurgie@edpsciences.org or via <https://articlestatus.edpsciences.org/is/metal/home.php>

The manuscript cannot be forwarded to the production office until the editorial office has received the complete set of files. Further details on source files and style are available in the instructions for authors at: <http://www.metallurgical-research.org>. If a manuscript is not presented in accordance with the journal's style, the production services will provide assistance.

Proofs

It is important to note that **no modifications can be made to the text or the figures** after the manuscript has been sent to production.

The galley proofs will be sent to the corresponding author in .pdf format and should be returned promptly.

Should the author be absent during that period, it is preferable to delegate proofreading to a collaborator.

Proofs can be handled electronically only. In the proofs, only minor changes and corrections of typos or mistakes that occurred in the production process itself are permitted. If the corrections go beyond what can be normally accepted, regarding either the form or the content, they will be submitted to the Editor for approval, which will definitely delay the publication of the paper.

Evaluation in the first instance

The Editors-in-Chief reserve the right to decide whether or not a new submission should be sent to the referees. They can also reject a manuscript which does not meet the publication criteria (namely, poor quality of presentation, inappropriate subject matter or errors). The paper should be:

- Basically **correct** and **sound**;

- A **significant advance** and not just a minor improvement on earlier work;
- **Accessible to the general readership** of the journal.

Regarding the scientific contents, a **part covering the scientific developments and/or industrial applications in the domain** should be developed. The following questions/criteria will be addressed to referees for further judgment:

- ✓ Is the subject matter within the scope of the journal?
- ✓ Does the paper contain enough original results to warrant publication?
- ✓ Is the paper technically sound and free of errors?
- ✓ Is the work clearly and concisely presented? Is it well organized?
- ✓ Are the industrial applications developed enough?
- ✓ Are the scientific developments investigated enough?
- ✓ Does the title clearly and sufficiently reflect its contents?
- ✓ Is the abstract informative? Are the main results and conclusions mentioned?
- ✓ Is the scientific discussion sound and not misleading?
- ✓ Are the illustrations of adequate quality, relevant and understandable?
- ✓ Does the bibliography give a clear view of the current state-of-the-art in the domain?
- ✓ Is the quality of the language satisfactory?
- ✓ Should the paper be shortened (material irrelevant or redundant)?
- ✓ Is the paper expected to have a high impact?

Peer review

Referees are invited to submit their report within a period of **3 weeks**.

The editor usually collects two independent reports. However, in the case of a clear-cut final decision, the editor is allowed to reject or accept the manuscript on the basis of a single report.

In cases where the referees cannot agree, an independent expert can be invited to act as an adjudicator.

Deadline for revision

The revised version should be received within **2 months** from the editorial decision and 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 the journal after submission on the condition that they are accompanied by a letter of **explanation** giving the reasons for the withdrawal. After the withdrawal, the article file is closed immediately and the authors' letter of explanation is sent to the referees. It is against the journal's editorial policy and ethical standards in publishing to submit elsewhere a version of the paper which has been improved based on the recommendations of the contacted referees.

Appeals

An appeal can be considered in the event of a disagreement with the final editorial decision provided that there are grounds for complaint. **The editor reserves the right to accept or reject the appeal** for consideration. Please note that the journal will consider only one appeal.