Instructions for authors

The submission stage

The web-based submission (and resubmission), including via a preprint server, is preferred over other methods. The member of the Editorial Board or the Editor-in-Chief to whom the manuscript should be forwarded may be indicated in the submission form. Additionaly authors are encouraged to suggest a list of possible referees (not more than 5). The content of the article should not be submitted simultaneously to another journal.

Electronic submission

Authors are encouraged to submit their manuscripts electronically (in PDF format) through the website (Inquiry System) at:

https://www.editorialmanager.com/epjh/

Authors can eventually submit their manuscript via e-mail, but only through the Editorial Office at:

epjh@edpsciences.org

Manuscript contents

All papers will be published in English. Both regular articles and reviews will be considered. The material presented in all EPJH papers should be original. Material should be placed in the following order: title, author names, address of author institutions, shortened version of the title, abstract, text, acknowledgments, appendices, references, figure and table captions, figures, tables (unless they are paginated using EPJ macro package).

How to prepare a manuscript

There is no general limitation of the overall size nor of the number of figures, nor of the level of details considered to be necessary. However, the appropriate length of a manuscript depends on the information presented in the paper. A manuscript should consist of the following content.

Title

The title should be simple, concise and informative with only the first word capitalized. A shortened version of the title consisting of a maximum of 75 characters (including spaces) for running headers should also be provided.

Author(s) name(s) and affiliation(s)

A list of all authors (with first and last name(s) written in full), as well as corresponding addresses, should be provided. Addresses should contain all information necessary for an effective mail delivery. E-mail should also be provided to speed up communication between readers and authors. This information will be published unless authors request otherwise.

Abstract

An abstract should accompany each manuscript; it should be completely self-consistent (i.e., with no figure, table, equation or reference citations), not exceeding 200 words and written as a single paragraph. Mathematical expressions should be avoided, if possible.

Main body of the paper

The body of the paper should be divided into sections (however, in short papers, sections may not be necessary). Sections should be numbered with Arabic (not roman) numerals. Subsections (second level) should be numbered 1.2, 1.3, etc., and sub-subsections (third level) 1.1.1, 1.1.2, etc. Appendices should be numbered A, B, etc. All sections must have a short descriptive title.

Equations, tables, figures, and references should follow a sequential numerical scheme in order to ensure a logical development of subject matter.

Mathematical material

A standard typesetting procedure is followed by the production staff. For details, see the internationally agreed standards adopted by the International Union of Pure and Applied Physics (IUPAP) or defined by the International Organization of Standardization (ISO). However, authors should observe the following simple rules to help clarify the contents of mathematical material.

- The text should make clear distinctions between physical variables, mathematical symbols, units of measurement, abbreviations, chemical formulas, etc.

- Equations must be sequentially numbered. The number should appear in parentheses at the right-hand side of the page and referred to in the text as, e.g. (7).

- Italic and boldface should be used to identify physical or mathematical variables. Variables and physical constants such as the speed of light or the Boltzmann constant are to be set in normal italic. Vectors and tensors should be set in bold and sans-serif bold, respectively.

Italic type should be avoided for the following:

- Units of measurement (e.g., km, g, K, cm^{-2}, s^{-1}).
- Mathematical signs such as sin, cos, log, exp, etc.
- Chemical formulas.

Footnotes

There are 3 main types of footnotes:

1. Introductory footnotes (referring to authors new addresses, address of corresponding author, ...) indicated with the following lower-case letters: [a], [b], [c], etc.

2. Footnotes to text material, which should be restricted as for as possible, and which should be designated by numerical superscripts: [1], [2], [3], etc. They should be placed at the foot of the relevant page.

3. Footnotes to tables, which should be indicated by superscript lower case letters and placed in a list immediatly below the concerned table.

Acknowledgments and appendices

The acknowledgment section should follow the main body of the paper and should precede any appendix.

Appendices should be numbered with A, B, etc. if there are more than one appendix (**Appendix A or Appendix A: Complex developments,** when

there is a title). The appendix equations should be numbered consecutively, but separately from those in the main body of the paper ((A.1), (A.2), etc.). In each appendix, equations will be numbered separately ((B.1), (B.2), etc.).

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 are normally cited in the text by placing the name of the first author and the year in brackets, without any comma between them. If there are more than two authors, only the first name should be given. If two or more citations are made in one set of brackets, they should be separated by a semi-colon. If more than one citation for particular author (author group) is made for the same year, \a", \b", \c", etc. should be added to the year.

Authors' initials are permitted only in exceptional cases, for example, to distinguish between two authors with the same surname. Each literature citation made in the text should have a corresponding entry in the *References* at the end of the paper. The reference list should contain all the references cited in the text, ordered alphabetically by surname (with first name or by default initials following). If there are several references to the same first author, they should be entered according to the following scheme:

1. One author: chronologically
2. Author, one or more co-authors: alphabetically by coauthor, then chronologically

The format for references is as follows: Author Name-1, Firstname or by default initials-1, Firstname or by default initials-2, Name-2, ... and Firstname or by default initials-n Name-n. year. Full title. *journal accronym in italic* **volume number in bold:** first and last page.

Journals

Green, Charles. 2004. On unitary representations of the inhomogeneous Lorentz Group, Part-1. Eur. Phys. J. D 30: 123-125

Knoof, Marc, K. Smith and John Tiff. 2011. On infinite direct product. *Eur. Phys. J. H*, to be published

Books

Marsoin, J. 1987. *Molecular Dynamics*, edited by C. Brown, 2nd edn. Springer, Berlin

Proceedings

Patudin, K., Arnold Mars, R. Sabs and H. Jurgen. 1975. *Proceedings of the International Conference on Low Temperature* Physics, Madison, edited by C. Brown, EDP Sciences, Les Ulis, p. 201

Reports and Theses

Smith, J.M. 1982. Brookhaven National Laboratory Report No. 110, unpublished Smith, J.M. 1990. Ph.D. thesis, University of Paris XI

If available the DOI (Digital Object Identifier) of the cited literature should be added at the end of the reference.

IMPORTANT: To ensure that the Cross- Ref facility can hyper-link to the articles quoted in the bibliography, multiple references must not be used. I.e., a list of references under the same number is not allowed: each reference has to be singly numbered.

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Each figure should be cited in the text. The final quality of the illustration depends on the quality of the original artwork so that they must conform to the criteria given below:

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- The final size of the figures should fit fullpage width (13 cm). All details of the figure should be visible and labelling legible, therefore:
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  - avoid too thin continuous or dotted lines or too heavy lettering and thick lines that may result unsightly after reduction (if any).
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Electronic multimedia files (animations, movies, audio, etc.) and other supplementary information (appendices, (large) tables, images, programmes, etc.) which is either too voluminous for printing or is designed specifically for the Web can be published on-line along with the article.

For more information on the submission of this material (file requirements, etc.), please contact the Production Office.

The acceptance stage

In the case that the files have not been sent with the revised version, and before sending the official letter of acceptance, the Editorial Office will ask for the final electronic file (LATEX, TEX, Word) of the paper corresponding exactly to the pdf accepted by the editor.

Authors are informed that any missing element in an accepted article (electronic file of the text or of the figures) will delay the publication date. The Editorial Office will keep the paper on a **waiting list** until all missing material is received. At this stage no modifications can be made either to the text or to the figures. If any, the manuscript will be sent back to the editor and possibly to the referees.

File formats

Text

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www.epj.org

We will, however, accept texts written with any common variant of TeX, ncluding:

– LaTeX2e (standard, article class),
– RevTeX,
– A$_M$S-LaTeX

and Word files.

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Vector Encapsulated Postscript (EPS) are welcome, although Postscript (PS) may also be sent. These files can be used directly to give high-quality results, provided the following rules are adhered to:

- use standard fonts (Times, Helvetica, Courier, Symbol) and include them with the option saved \with fonts included" in the EPS file,
- EPS should not include a TIFF preview and should be in ASCII (not binary) format,
- the line strength should be greater than 0.3 pt (or higher if the figure needs scaling),
- bitmap format such as PDF, TIFF, BMP, PNG and JPG are acceptable but they need to be transformed into EPS format in the production procedure. Bitmap images may present quality problems in the production of the printed version of the journal due to low resolution. For this reason black and white

graphics files should have a resolution of at least 600 dpi and greyscale graphics files of at least 300 dpi.

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- Only essential corrections are accepted. Any substantial modification of the text or mathematical formulas altering the content of the accepted version of the paper might re-open the revision process.
- The author has the final responsibility for the corrections.
- Corrections should be returned as soon as possible.
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