

## Introduction

Here, we provide all the essential information for publishing a paper in the *Revista Cubana de Física* (RCF). We encourage you to read it carefully, with particular attention to our straightforward formatting guidelines for **figures** and **references**. Adhering to these instructions will significantly streamline the publication process for both editors and authors.

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## On the Nature and Submission of Papers

The RCF publishes papers in English and Spanish, and it accepts original papers in the following formats:

- *Original articles*: Up to 4,000 words.
- *Original communications*: Up to 1,500 words.

(The word count includes references but excludes the title, author list, keywords and affiliations.) Unlike full articles, short papers do not include an abstract or sections in the printed version, and we recommend minimizing the number of references and figures.

Additionally, the journal features the following sections:

- *Review Articles*: Up to 9,000 words.
- Moments of Cuban Physics: Up to 4,000 words.
- For Physicists and Non-Physicists: Up to 4,000 words.

Papers for these sections follow a different submission process. Authors must first submit a proposal outlining the paper's content. Only after approval can they submit the full article, which will then undergo the standard peer-review process. The editorial board may also invite specific authors to contribute in order to maintain a balanced publication.

All submissions must include abstracts in both Spanish and English, with a maximum of **150 words** each, as well as a Spanish version of the title. Non-Spanish-speaking authors need not worry—the editorial board will gladly translate titles and abstracts.

## Manuscript File format requirements

- Full manuscripts should be submitted as “.doc” files (for Microsoft Word users) or “.pdf” files (for LaTeX users). The latex code s
  - Accepted papers require figures to be submitted separately as “.tif (.tiff)” or “.ps (.eps)” files.
  - If LaTeX was used, authors must also provide the “.tex” file.
- For formatting details, please refer to our **templates** in [Word](#) or [Latex](#).

## News and Obituaries

The News section highlights recent scientific events in Cuba, including defended PhD theses, awards received by Cuban physicists, and other notable achievements.

We encourage organizers of physics meetings in Cuba, prize winners, and successful PhD candidates to submit a brief report (approximately **200** words) to the Editor, along with one or two photos (**300 dpi** resolution).

We also welcome tributes honoring the lives and contributions of Cuban physicists who have recently passed away. These should be **300** words or fewer and include a **300 dpi** photo of the individual.

## Figures

Poor-quality figures can become a "boomerang" for authors, leading to delays and complications in the publication process. We strongly encourage authors to ensure high-quality images from the outset.

Figures should be designed to fit either a single RCF column (8 cm wide) or, if absolutely necessary, two columns. Photos must have a minimum resolution of **300 dpi**. Additionally, graphs should be submitted as separate .tif (.tiff) files, ensuring that all labels, numbers, and arrows remain clearly legible when printed at the final journal size. Figures in ".eps" or ".ps" formats are also accepted.

Figures must be numbered sequentially in the order they appear, using Arabic numerals placed below the image, followed by a space, a colon, and the description (e.g., Figure 1:, Figure 2:, ..., Figure n:). In the text, figures should be referenced in lowercase (e.g., "... in figure 3 it is observed ..."). The abbreviation "Fig." may also be used when appropriate.

Figures downloaded from the web should not be used unless they are explicitly free to use or permission has been explicitly granted by the original author. All relevant permissions and documentation for such figures must be submitted to RCF.

## References

Reference formatting issues often rival figure resolution problems in causing headaches for editors. To ensure a smooth submission process, authors should carefully review the following aspects of their references before submitting to RCF:

1. **Completeness:** Every reference listed at the end of the paper must be cited in the text.
2. **Order:** References must appear in the bibliography in the exact order they are cited within the text.
3. **Formatting:** Each reference must strictly follow the formatting style illustrated in the examples provided.

In-text citations should be formatted using Arabic numerals in brackets, following these conventions:

- [1] for a single citation
- [2-5] for consecutive citations
- [2, 4] for non-consecutive citations

Each reference should be assigned a **single unique number**, and the full list of references should adhere to the following format:

When citing a journal:

[1] T. Cito, A. L. Trozo, and C. A. Cabó, Phys. Rev. Lett. **57**, 671 (1986).

For recently accepted articles that have not yet been assigned to a specific Volume or Issue, authors must include the **DOI code** as the sole digital identifier—no other digital identifiers should be used.

[2] T. Cito, and P. Rontito, Phys. Rev. Lett. (2017) DOI: 17.0217/SCF17UH

If you have any doubts regarding the correct abbreviation of a journal name, please refer to the “official journal abbreviations database” or consult a relevant indexing service to ensure accuracy (e.g., <http://cassi.cas.org/search.jsp> or <http://woodward.library.ubc.ca/research-help/journal-abbreviations/>)

When citing a book:

[3] R. E. Lajoso and U. N. Vago, Citation techniques for dummies, 4th Ed. (Thomson, Belmont, Buey Arriba, 2004), pp. 100-102.

When citing a proceeding of a conference (paper from conferences without published proceedings should not be cited):

[4] F. Asteador et al., in X Symposium of physics and fastening, edited by M. Chao and A. Hardworker (World Scientific, Singapore, 1989).

We prefer to cite the names of all authors. If the list is too long (say, more than 10 authors), the use of “et al.” is allowed.

We suggest avoiding citations of papers and other materials from web pages. If there is no way around, please get inspiration from the following two examples. First, a paper published in arXiv:

[5] J. Macintosh, How to evade peer review by just posting on the web, arXiv:gr-qc/0647788v3 (2004).

(note that each paper posted by arXiv indicates explicitly a code to be cited...in the example, arXiv:gr-qc/0647788v3)

Second, papers published in electronic journals (with no printed version):

[6] X. Liang, Y. Jin and Y. Wang, The Open Materials Science Journal [ISSN: 1874-088X], 5, 9 (2011) ([www.benthamscience.com/open.tomsj/openaccess2.htm](http://www.benthamscience.com/open.tomsj/openaccess2.htm)).

Citation of a Diploma, Master of PhD thesis:

[7] D. I. Plomante, “On the renormalization of quantum-relativistic eschatology”. Diploma Thesis, Universidad de La Habana, La Habana, 1986.

...or...

[8] P. Echdi, “Fractional quantum numbers in relativistic eschatology”. PhD Thesis, Universidad de Oriente, Santiago de Cuba, 1994.

We suggest avoiding “private communications”. However, if absolutely necessary, our proposal is:

[9] G. Nius, private communication.

## Mathematical Formulae

- **Numbering:** Equations must be numbered sequentially using Arabic numerals in parentheses, aligned to the right margin, following their order of appearance (e.g., (1), (2), ... (n)).
- **Referencing in Text:** When referring to equations in the text, use the corresponding number in parentheses without abbreviations (e.g., “... as seen in (3)” instead of “eq. (3)”).
- **Symbol Identification:** Clearly define each symbol the first time it is mentioned and whenever necessary to avoid ambiguity.

### Formatting requirements:

- **Microsoft Word users:** All equations must be created using **Word’s built-in Equation Editor**.
- **LaTeX users:** No specific formatting instructions apply beyond standard LaTeX practices.
- **General Recommendations:**
  - Minimize the use of inline mathematical formulas and symbols whenever possible.
  - Preferably, place equations on separate lines and number them.
  - Avoid excessively long formulas to prevent formatting issues in the journal’s two-column layout.

## Tables

- **Numbering:** Tables must be numbered using Roman numerals in capital letters (e.g., *Table I*, *Table II*, ... *Table N*).
- **Placement of Descriptions:** Unlike figures, table descriptions must be placed above the table, not below.
- **Referencing in Text:** Always use the full word “*table*”, never an abbreviation (e.g., “... *the table IV summarizes* ...” instead of “... *the tbl. IV summarizes* ...”).

### References within Tables:

- References appearing inside tables must follow the **same formatting rules** as those described in the references section.
- However, within tables, references should be represented using alphabetic superscripts (e.g., *a*, *b*, *c*).
- These references should be placed in a separate row at the bottom of the table, independent of the main reference list of the manuscript.

## Keywords

Each paper should include 3 to 5 keywords in English, taken explicitly from PACS (Physics and Astronomy Classification Scheme). We will not admit any keyword outside PACS: it contains stuff for all tastes, as we illustrate below.

A paper reporting a novel demonstration of the kinematics of a racquetball controlled by a PC would respond to:

01.50.My Demonstration experiments and apparatus

01.50.fh Computers in education

01.50.ht Instructional computer use

If your paper tells the story of Solid State Physics in Cuba from 1960 to nowadays, one could use:

01.65.+g History of science

01.78.+p Science and government (funding, politics, etc.)

07.50.Ek Electrical and electronic instruments and components

## Cover Image of your Paper

Each submitted article must include a **cover image**, which will serve as a visual identifier once the paper is published on the journal's website. This image should effectively represent the content of the paper in a visually engaging manner.

Specifications:

- **Orientation:** The image must be in landscape format (i.e., wider than it is tall, see *Figure 1*).
- **Quality:** It should meet the same technical standards as the figures within the manuscript (e.g., 300 dpi resolution and clarity).
- **Content:**
  - Authors are encouraged to **modify** one of the images already included in the manuscript or create a more communicative visual that better conveys the key message of the paper.
  - While the cover image can be related to an existing figure in the manuscript, it is **preferred that it is not an exact duplicate** of any figure already included in the article.

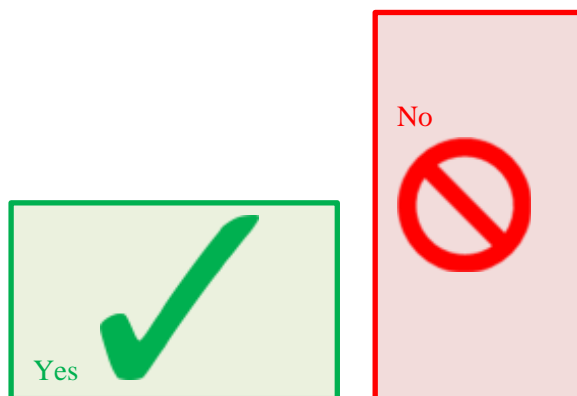


Figure 1: About the correct proportions (landscape) of the web **cover image**.

## Supplementary Information

### Submission and Purpose:

Supplementary information may be submitted only in exceptional cases and should consist of images, tables, text, and/or equations that are not included in the main manuscript due to space limitations or because they provide non-essential yet valuable complementary content.

### Formatting and organization

- All supplementary materials must be compiled into a **single PDF file**, labeled with the **paper's title** and the **authors' names**.
- This material will be available **online only** and will not appear in the printed version of the journal.
- Each element included as supplementary material must appear in the **same order** in which it is mentioned in the manuscript.

### Numbering conventions

- Figures: **Fig. S1, S2, S3, ... Sn**
- Tables: **Table SI, SII, SIII, ... Sn**
- Appendices (text or equations): SA, SB, SC, ...

### Mention in the Manuscript

At the end of the paper—before the Acknowledgment section and References—a brief one-sentence description of the supplementary information must be included.

## Cover Letter

Original contribution should be submitted with a Cover Letter to the Editor requesting formally that the paper is considered to enter the editorial process of the journal. It is suggested to include in this letter the following elements:

- (a) A brief description of the contribution and its relevance.
- (b) A brief paragraph explaining the contribution of each author.
- (c) The name and contact email of at least two experts in the subject of the article that might peer-review the manuscript.
- (d) The name and contact information of anyone the authors do not want as reviewers of their paper should there be any.

The letter should not exceed a single page.

## Details of the Editorial Process for Original Papers

Authors must first create an account on the journal's website. Once logged in, the submission process can begin. Before submitting, ensure you have the following:

- Letter to the Editor
- Manuscript

- Figure files (if there are more than five, it is recommended to compile them into a single .rar or .zip file)

### Acknowledgment of Submission

Upon submission, an acknowledgment email (no-reply@revistacubanadefisica.org) with a copy to the Editor will be sent. If necessary, this email will request corrections related to journal formatting (e.g., missing abstract, incomplete author affiliations, missing ORCID codes, etc.). This step precedes the peer-review process and ensures compliance with journal guidelines.

### Editorial Process & Peer Review

The Editor will assign an Associate Editor to handle the manuscript. From this point forward, all communication will be through the assigned Associate Editor, who will coordinate with peer reviewers and inform the authors of the final decision.

Authors can track the full submission history via their profile in the editorial system (Submissions → My Authored), even if multiple review rounds are necessary.

### Alternative Submission

In exceptional cases, authors may submit their manuscripts directly to the Editor via email at altshuler@revistacubanadefisica.org. The Editor will acknowledge receipt and assign an Associate Editor to oversee the review process.

### File Naming Recommendations

To facilitate processing, authors are encouraged to use clear and logical file names, including the article code provided by the Editor. Examples:

RCF\_0382011\_all.pdf (for a manuscript with embedded figures)

RCF\_0382011A\_Fig1.tiff (for individual figure submissions)

### Estimated Processing Time

The editorial board aims to process manuscripts within three months from submission.

## Contributions to the Cover of the RCF

The cover of *Revista Cubana de Física* features an **illustration** (photograph, graph, or other visual representation) related to one of the published articles.

Authors are welcome to suggest images for the cover by submitting high-resolution versions of relevant photos or graphs. 3D and color graphs are particularly well-suited for this purpose.

### Technical Requirements:

- **Dimensions:** 17 cm width × 19 cm height
- **Resolution:** High enough to maintain full detail when printed in color at this size

Submissions should be visually compelling and effectively represent the research while maintaining clarity and quality in print.