

# On the nature and submission of papers

RCF publishes papers in English –we hope their proportion will increase in time.

The Revista Cubana de Física (RCF) will receive papers for the section “Original papers” (Artículos originales, in two versions: (a) *full articles*, with a maximum of 4000 words and (b) *short articles*, with a maximum of 1500 words (here we are counting references, but not title, authors list and addresses). Differently from full papers, short papers do not contain abstract or sections –we also recommend to minimize the number of references and figures there.

Sections “Review articles” (Artículos de revisión), “Moments of Cuban Physics” (Momentos de la Física en Cuba) and “For physicists and non-physicists” (Para físicos y no-físicos) will receive papers on a different schedule. In those cases, authors will submit *proposals* to the Editor, containing a brief description of the paper contents: only after approval of the idea, full articles will be submitted, and will enter the standard peer review process. The Editorial board will eventually request articles for those sections to specific authors. Such *modus operandi* is essential to achieve a balance in the journal. Review papers will contain up to 9000 words, and those submitted to “Moments of Cuban Physics” and “For physicists and non-physicists”, no more than 4000 words.

All contributions must contain abstracts in Spanish and English with a maximum extension of 150 words, and a Spanish version of the title (non-Spanish-speaking authors should not panic: the editorial board will be pleased to write the Spanish version of their abstracts and titles!).

Full manuscripts will be sent as \*.doc file (if generated using Microsoft Word), and as \*.pdf files (if generated using Latex). If the manuscript is accepted, authors will be requested to submit the figures as separate \*.eps or \*.ps files (as well as the \*.tex file, if it Latex has been used).

## News and obituaries

The News section reports scientific events that have taken place in Cuba, PhD thesis defended in Cuba, prizes obtained by Cuban physicists, etc. Organizers of Physics meetings in Cuba, prize winners and PhD successful candidates are invited to send a couple of related paragraphs to the Editor (around 200 words), plus one or two photos, with a resolution of 300 dpi. We also accept 300-words (or less) obituaries of recently dead Cuban physicists, including a 300 dpi photo of the person.

## On the format of papers submitted to the RCF

The \*.doc and \*.tex templates for producing RCF manuscripts can be found at <http://www.fisica.uh.cu/biblioteca/revcubfis/index.php/plantillas-word-y-latex>, but we will stress below some further details for the elaboration of manuscripts:

## On the figures

Poor resolution figures constitute a bottomless source of headaches for editors, and a “boomerang” for authors. We then beg them to take care in producing quality pictures from the very beginning. Figures must be calculated to fit into one RCF column (8 cm wide), or two columns –if strictly necessary. As a general rule, *authors should print their figures in these sizes, and check by inspection if their details can be appreciated after printing using a medium-quality paper*: due to lack of resources, RCF will be eventually printed in paper of doubtful quality. In particular, photos should be produced with a minimum resolution of 300 dpi. Besides them, authors are requested to send \*.eps or \*.ps versions of the graphs in separate files, making sure that *all* labels, numbers, arrows, etc., can be clearly identified when the figures are printed in the final size of the journal.

Figures downloaded from the web should not be used unless they are explicitly free, ar permission has been granted explicitly from their authors. All information regarding such figures must be sent to RCF.

## On mathematical formulae

When using Microsoft Word, formulas should be produced using MathType. Separate lines are suggested for mathematical formulas.

## On references

References format problems compete with figure resolution problems in producing headaches to editors. Authors should revise three aspects of their references before submitting to RCF: (a) All references listed at the end of the paper must have been cited in the text. (b) The order of the references listed at the end must be the same as the order in which they are cited in the text. (c) The format of each reference must follow strictly that illustrated in the following examples:

When citing a journal:

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

When citing a book:

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

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

[3] F. Asteador *et al.*, in *X Symposium of physics and fastening*, edited by M. Cha-Cao 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:

[4] 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):

[5] 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:

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

...or...

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

We suggest avoiding “private communications”. However, if there is absolutely no way out, our proposal is:

[8] G. Nius, private communication.

## Keywords

Each paper, should include 3 to 5 keywords in English, taken explicitly from PACS (Physics and Astronomy Classification Scheme), published in <http://www.aip.org/pacs>. 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 raquetball 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

## **Details of the editorial process for original papers**

Articles should be sent to the Editor by email ([ealtshuler@fisica.uh.cu](mailto:ealtshuler@fisica.uh.cu), with copy to [ealtshuler@yahoo.com](mailto:ealtshuler@yahoo.com)), along a brief message requesting the paper to be processed by RCF. The editor will acknowledge receipt of the paper, and will assign a code to the manuscript, which will be informed to the author, along the name of the Associate Editor that will control the process until the paper is accepted or rejected. From that moment on, the author will only exchange information with the Associated Editor in charge. We suggest the authors to use helpful subjects in their messages and filenames. For example, a reasonable filename for resubmission of the manuscript encoded “RCF0382011” is “RCF0382011\_Version2.pdf”. A filename like “PaperForRCF.pdf” may be very comfortable for the author, but a pain in the neck for the editor. After a maximum of two rounds of referee’s reports and author’s responses, the Associated Editor in charge of the paper will officially inform the author about the acceptance or rejection of the paper. For other details of the submission policy, please visit <http://www.fisica.uh.cu/biblioteca/revcubfis/index.php/politica-editorial>. The full cycle is expected to be completed in 3 months or less.

## **Contributions to the cover of the RCF**

The cover of the RCF contains an illustration (Photograph, graph..) associated to one of the articles inside. We accept suggestions from the authors, in the form of high resolution versions of photos or graphs (3D, color graphs are especially adequate for the cover). Ideally, proposed images should be 17 cm width by 19 cm height, and would show full detail when color-printed in that size.