

## Guide for authors

1. Our journal accepts unpublished and state-of-the-art papers. All papers must be submitted with a cover letter stating it is an unpublished article which is not undergoing current publishing processes elsewhere. It should also specify that all authors agree with contents therein and they give the publishing rights to Revista Facultad de Ingeniería (REDIN) from Universidad de Antioquia. We will only accept papers written in English.
2. Research papers should not exceed 20 Letter-sized pages written with 12-pt. Times New Roman font in single space, and with symmetric margins of 2,5 cm. All lines of the paper must be numbered to facilitate the reviewing process. All papers shall contain: title in English and Spanish, abstract in English and Spanish, keywords in English and Spanish, introduction, experimentation, results and discussion, conclusions, acknowledgements (optional), and references. Tables and figures must be inserted and placed along the text. State-of-the-art papers should preferably not exceed 30 Letter-sized pages written with 12-pt. Times New Roman font in single space, and with symmetric margins of 2,5 cm. All papers shall contain: title in English and Spanish, abstract in English and Spanish, keywords in English and Spanish, introduction, subject development, conclusions, acknowledgements (optional), and references. Tables and figures taken from other sources must be referenced in footnote. The main author of a state-of-the-art paper must relate five publications of his own on the same subject in the cover letter and copyright transfer agreement. Tables and figures must be inserted and placed along the text. State-of-the-art papers may have a maximum of five self-citations in the last five years and must report at least 50 references. In order to standardize the keywords and improve the visibility of the articles published in the Journal, it is suggested the use of the Thesaurus tool to select appropriately these words. Similarly, as far as possible, title tags should not be repeated in keywords.
3. The Editorial Board reserves the right to make adjustments to the paper in order to preserve the style of the journal.
4. Authors should provide the information of the author who will receive correspondence, such as: full name, mailing address, e-mail, work institution, and phone number including country code. This contact author must have the consent from all authors for publishing the paper.
5. The contact author is responsible for communicating with the journal and must include those who contributed as authors, to ensure that all authors agree with the contents of the paper and that all changes made (e.g. order of appearance for the authors, addition or deletion of authors) have been approved by each author. The contact author is also responsible for informing the co-authors on the state of the paper before and after publishing. The concept of author in the scientific publications is applied to those who write the original and, at the same time, contribute significantly to the research development. To be listed as author implies to accept public responsibility for the contents of the paper.
6. Papers should be submitted only through the Journal's website, following the instructions on the software.
7. Special instructions for typing:
  - a. Text should be typed without format, in Times New Roman, 12 pt.
  - b. Paragraphs must be justified, without line spacing between them and without splitting words.
  - c. A single space should be used between words, as well as after a comma, colon, semi-colon, parenthesis, and period.
  - d. Do not include page or section breaks.
  - e. Please write dashes next to the attached word, and prefer hyphens without a space when connecting two words or numbers (e.g. physical-chemical, 1999-2000.)

For equations, use the MathType equation editor, which can be downloaded for free from the WEB. This application has the same use as any equation editor. Select Cambria Math font, size 14, using the options Style/define/Cambria Math/Apply and Size/define/full 14/Apply. Copy and paste the equation to Word

  - f. Figures and tables should be cited in the paper, in strict order and should have a footnote with a descriptive title. Photographs, charts, and maps are to be referred to as figures.
  - g. Figure captions should be typed as a normal paragraph outside and below the image. Figures should be submitted as single additional files in their original format, different from the submitted manuscript file, uploaded one by one to the OJS system as supporting files as the same way as the letter. To ensure visual quality, set images resolution at 350 dpi; they should be at least 8.5 cm wide and not exceed 17cm. They must contain the file name numbering to identify its location in the document in PDF, PNG or JPG formats.
  - h. The text for the figures should be Times New Roman, 11 pt.
  - i. Uppercase must not be used in the figure captions.
  - j. Pictures should not be included; only tables, which should be automatically created using the word processor without fillets. Tables should not duplicate results presented elsewhere in the paper, for example in figures.
  - k. Decimals should be written with a dot (.), thousands and millions should be written with a comma (,).
  - l. SI units, dimensions, and symbols must be used.
  - m. Figures may be colored, but the author must be aware that printing will be made in gray scale.
  - n. Quoted bibliographical references are to be

inserted within the text, using a number in brackets at the level of the text, and separated with a space from the previous word. At the end, references are numbered in that exact ascending order.

o. All equations should be numbered in sequential order.

## 8. References according to document type

### Books

Author's first initial + last name, Book title. Edition number. City, country: Publisher, year, page.

B. Klaus and P. Horn, Robot Vision. 2nd ed. Cambridge, USA: MIT Press, 1986, pp. 123-135.  
Book chapters

Author's first initial + last name, "Chapter title", in Book title, edition number, editor's or main author's first initial + last name, city, country: Publisher, year, page.

G. Young, "Synthetic structure of industrial plastics", in Plastics, 2nd ed., J. Peters, New York, USA: McGraw-Hill, 1964, pp. 15-64.  
Scientific Journal

Papers Author's first initial + last name, "Paper title", Journal name, volume, number, page, year.

S. Azodolmolky et al., "Experimental demonstration of an impairment aware network planning and operation tool for transparent/translucent optical networks", J. Lightw. Technol., vol. 29, no. 4, pp. 439-448, 2011.  
Conferences

Author's first initial + last name, "Conference title", in Conference name, city, country, year, page.

S. Bingulac, "On the compatibility of adaptive controllers", in Proc. 4th Annu. Allerton Conf. Circuit and Systems Theory, New York, USA, 1994, pp. 8-16.  
Thesis (M.S. and Ph.D.)

Author's first initial + last name, "Thesis title", Ph.D. dissertation or M.S. thesis, university, city, country, year.

J. Williams, "Narrow-band analyzer", Ph.D. dissertation, Dept. Elect. Eng., Harvard Univ., Cambridge, USA, 1993.  
N. Kawasaki, "Parametric study of thermal and chemical nonequilibrium nozzle flow", M.S. thesis, Dept. Electron. Eng., Osaka Univ., Osaka, Japan, 1993. Reports

Author's first initial + last name, "Report title", Organization or University, city, country, Tech. Rep., month, year.

E. Reber, R. Michell and C. Carter, "Oxygen absorption in the earth's atmosphere", Aerospace Corp., Los Angeles,

USA, Tech. Rep. TR-0200 (4230-46)-3, Nov. 1988.  
Patents

Author's first initial + last name, "Patent title", U.S. Patent x xxx xxx, month, day, year.

K. Sandhage, R. Unocic, M. Dickerson, M. Timberlake and K. Guerra, "Method for Fabricating High-Melting, Wear-Resistant Ceramics and Ceramic Composites at Low Temperatures", U.S. Patent 6 598 656, July 29, 2003.  
Standards

Organization that assumes the authorship, Standard title, Standard number, year.

Institute of Electrical and Electronics Engineers (IEEE), IEEE Criteria for Class IE Electric Systems, IEEE Standard 308, 1969.  
Online references

Author's first initial + last name (or organization that assumes the authorship), Reference title, year. [Online]. Available: URL, Accessed on: month, day, year.

Antcom, Antenna Products, 2011. [Online]. Available: <http://www.antcom.com/documents/catalogs/L1L2GPSAntennas.pdf>, Accessed on: Feb. 12, 2014.

## 9. Avoid footnotes.

10. When using acronyms or abbreviations, spell out the complete name first, and then write the acronym or abbreviation in parenthesis. Use only the acronym or abbreviation thereafter.

11. All papers submitted to this journal must be unpublished and should not be undergoing current publishing processes elsewhere. If the paper is accepted, it should not be published in another journal or book even if it is in another language. Being this a peer-reviewed journal, the Editorial Board approves the publication of papers based on the concept of specialized peer reviewers.

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