Relevant guidelines to authors

Investigación e Innovación en Ingenierías, is a scientific journal of Simón Bolívar University (Colombia), which has circulated twice a year since 2013, in electronic edition, with a publishing result of two issues per year.

This journal focuses on scientific articles with basic and applied emphasis, aiming for the scientific development in the field of knowledge.

Investigación e Innovación en Ingenierias journal, opens a space for the visibility of the scientific production, it also contributes to the exchange of knowledge in national and international contexts and aims to be recognized as a source of reference inside the academic and scientific community.

*Types of papers*

In order to comply with quality scientific criteria required by Investigación e Innovación en Ingenierias Editorial Committee, the submitted papers must follow the following requirements:

Research and Innovation paper: This is a paper which shows the original and unprinted production, published in a journal of scientific, of technological or academic content, the results of research processes, and the reflections or revisions previously assessed by peers. Research and innovation paper are classified as follows:

Scientific and technological research papers: These papers are understood as completed scientific research projects that show original results in a detailed way. These documents have four important elements of the research process: Introduction, methodology, results and conclusions.

Reflection paper: this is a product of a research paper that has been completed from an author’s analytical, interpretative or critical perspective related to a specific topic based on original sources.
Review articles: these papers are research products based on scientific or technological fields that analyze, systematize and integrate the research results, whether published or not, in order to report progress and development trends. These kinds of papers are characterized by a rigorous review of the literature of at least 50 references.

Editorial process: the papers sent by authors are reviewed by Investigación e Innovación en Ingenierías journal committee, in order to establish if the topics are in accordance with the topics of the journal; the results of the evaluation will be informed by the journal about in a period no more than 20 days.

The assessment process by peers. The assessment process of papers in Investigación e Innovación en Ingeniería journal, has three stages: Preliminary assessment, arbitration or peer evaluation and final assessment.

Preliminary assessment process: it corresponds to the first stage of the assessment process; in this stage a review of the editorial quality of the paper postulated is made by the editorial team; this team revises its structure and checks that the papers submitted follow IEEE rules established by the journal.

Arbitration process: This process corresponds to the second stage of the assessment process. In this stage, arbitrators or peer reviewers focus on the paper’s content and analyze its scientific quality. Eventually, all articles are anonymously reviewed then followed by a double – blind procedure. The peers take into account the following criteria: The relationship (relevance) of the paper with the journal; formal aspects of the paper; aspects related to the content of the paper. These aspects can be qualified based on a scale that runs from 1 to 5 (5= maximum value)

The arbitrators’ opinion determines the acceptance or rejection of postulated articles. If the arbitrator suggests not to publish the article, it will be rejected automatically, even if the paper successfully completed the first stage (preliminary assessment), but on the other hand, the arbitrators may suggest
that the article should be published but with corrections, then the author must send the paper back following the peers’ suggestions to Investigación e Innovación en Ingenieria journal.

Final assessment process: It is the last stage of the assessment process. Investigación e Innovación en Ingenieria journal committee is responsible for the evaluation taking into account the suggestions in relation with the review of the paper made by the peers to decide on the articles’ publication.

The acceptance of the article will depend on the author (s) consideration and full response to the arbitrators proposed suggestions or modifications with a period no more than 20 days after its notification. Investigación e Innovación en Ingeniería journal committee, reserves the right to introduce the corrections without this implying alteration in any way to the contents. It is the authors’ responsibility to adapt the text to standards of publication.

About arbitrators or expert peers.

The arbitrators or peer reviewers are qualified and specialized professionals based on the papers postulated to Investigación e Innovación en Ingeniería journal. Peers’ suitability depends mainly on the following criteria: The arbitrators or peers responsibilities include:

- To keep the highest degree of confidentiality related to the supplied information.
- To declare if there is any conflict of interest at the time the paper review is accepted.
- To give an objective and respectful opinion on the quality of the evaluated paper, providing clear and precise comments about the paper.
- To inform authors about inconsistencies related to the ethical standards of research as well as cases of plagiarism found in the
paper evaluated by the editor, and finally to deliver the paper on time to the journal.

Ethical statements principles and good editorial practices:
Ethics foundation and good editorial practices in relation with authorship and contributions, published based on the Principles of Transparency and Best Practice in Scholarly Publishing, in June, 2015 by the Publication Ethics Committee (COPE; available on http://publicationethics.org/ taken from February 10th, 2017) are assumed by Investigación e Innovación en Ingeniería journal. This principle is described as follows: “an author must assume the responsibility of at least a part of the work; also, the main author should identify the other authors who are responsible for each part of the work with relevance to those authors’ capacity and integrity.” For this reason Investigación e Innovación en Ingeniería journal request from all authors the description of their contributions in the manuscript submitted for publication. The journal uses the following criteria in order to establish the authorship:

1. Participation with important contributions to the work, related to the problem statement, research design, data collection, or in data processing and analysis and interpretation of information
2. Draft of the manuscript
3. Paper’s approved final version.

Declaration of conflicts of interest

Authors who submit papers to Investigación e Innovación en Ingeniería journal, must ensure that their procedures and methodologies are in accordance with the international ethics of scientific research in engineering and related sciences; such warranty shall be in writing in the assignment of author’s property rights format and declaration of conflicts of interest which are requested at the time the paper is sent for its preliminary review.
The author(s) is (are) fully responsible for ethical violations, those that may have been incurred where the paper derives from, within the research process. In such manner, the author must inform the conflicts of interest if any are present. The communication process related to the edition process will be established with the person who delivers the paper, the warrantor of the work.

Investigación e Innovación en Ingeniería journal, rejects all articles that contain experiments, methods, procedures or any other activity implicitly or explicitly, suggesting unethical, discriminatory, offensive or aggressive practices, etc.; and those articles that do not clearly express any type of conflict of interest, their publication then will be possible taking into account the Editorial Committee criteria.

**Anti – Plagiarism**

Investigación e Innovación en Ingeniería journal, is governed by the World Intellectual Property Organization laws, by the 351,1993 decision; In Colombia, it is based on the Agreement Commission from Cartagena and law 23, 1982. For this reason, all the articles submitted to Investigación e Innovación en Ingeniería journal, will be reviewed using specific software to indicate plagiarism.

**Specifications**

The articles pending publication in this journal must be submitted via e-mail, to the following e-mail address: Revingenieria@unisimonbolivar.edu.co with an enclosed letter certifying that the paper is original and unpublished signed by the authors and addressed to the Editorial Committee, showing article’s full title, type and exclusivity right for Investigación e Innovación en Ingeniería journal.
Writing

- The articles must comply with the following instructions:
- Written digitally, on letter size paper, 1.5 spacing including abstracts, tables, diagrams, figures and references, etc.
- The articles should be drafted, syntactically correct, without spelling or punctuation errors and show coherence and cohesive ideas.
- Each table that appears in the paper in word must be designed in Worksheet, preferably Excel.
- Photographs applied in the document must be in JPG format.

Structure

- Articles submitted to Investigación e Innovación en Ingeniería journal must have the following structure:
  - Title: Arial 14, centered and in upper case. Author will need to reference at the bottom of the page the title of the research group and the line of research and the name of the principal researcher. The title should be presented in Spanish and English.
  - Full Name of the author(s): Arial 12, their academic qualifications, institutional affiliation, mailing address, and email; group and line of research to which it belongs if it is a research article.

Abstract: should be written in Arial 12, upper case letters and centered, must contain between 100 and 150 words, in third person and in past tense. Quotations, abbreviations and references must be avoided.
- Abstract: The same content of the abstract, written in English.
- Home-page: Written in Arial 12, and contains 5 to 8 words that represent the content of the paper.
- Keywords: same words written in English language.

- References: Correspond to the texts quoted or referenced in the
paper and should appear at the end. Each quote or direction must be indicated in Arabic numerals enclosed in square brackets [], and in order of appearance in the text Following the IEEE form.

Bibliographic references

Bibliographic references will use the IEEE style, which uses the allocation of a consecutive numbers, enclosed in square brackets, according to the order of appearance within the paper. Organizing information according to their topic as well:

Books

[Number] initials – Author’s name. Last name(s). Name of the book in italics, no. edition, city of publication, country: Publisher, year, chapter (optional), section (optional), browsed pages.
Example:


Reference of serial publication

[Number] Author’s initials. Last name(s). “The name of the article in quotation marks,” in the name of the serial publication, Vol. X, No. X, pages consulted, abbreviation of the serialized publication (optional), month/period, year.
Example:

Ejemplo:
Electronic format Journal Article
[Number] Author’s initials. Last name(s). (Year, Month, Day). Name of the article. Name of the journal in italics [Type of medium]. No. Vol. (No.), browsed pages. Available at: Http://www.direccionweb

Example:

Paper submitted at a conference

[Number] Author’s initials. Surname(s), “Name of the article in quotation marks,” presented on behalf of the conference, city of the conference, an abbreviation of the conference (optional), country, month, year.
Example:


If reports are published on line by the conference:
Example:

Theses, dissertations and undergraduate works


Ejemplo: