

### General theme

Giving continuity to the previous editions, the event has as general theme the teaching and learning process of exact, natural and technical sciences in all learning environments and levels of education, with special emphasis on advances and good practices in this field.

### Modalities

Pre-congress courses

Conferences

Presentation of works on posters.

Round tables and panels

Presentation of works in symposia and workshops

General thematic exposure

### General program

Pre congress courses

Opening.

Scientific activities of the Congress

Closure

The programmed activities will be carried out in plenary sessions and in symposia. Among the symposia already planned are the following:

Science education and sustainable development.

XV International Workshop on the teaching of Physics.

Teaching-learning process of Mathematics.

Teaching-learning process of Chemistry.

Teaching-learning process of Biology.

Teaching-learning process of Earth and Space Sciences.

Sciences education in early ages.

Outreach and out-school teaching-learning forms of science education.

Computer Teaching-Learning.

Rules for submission of abstracts and papers

Both summaries and presentations will always be presented in a hard copy and in its digital version

Summary: A printed copy will be presented on a separate sheet and will contain:

- Title, written entirely in capital letters,
- Names and surnames of all authors (first author or first speaker).
- Center or institution,
- Position.
- Email.
- Synthesis that describes the most relevant aspects of the work.

Papers: They will have a maximum length of 25 pages and a minimum of 10. The presentation format includes the summary sheet, title, introduction, development, conclusions and bibliography. The tables, graphs, drawings and annexes must be included within the limit of pages.

A printed copy of the work and the summary, as well as the digital version, will be delivered in Word 97 or higher format (Windows 95 or higher). The letter Arial 12 will be used, with single line spacing and 3 cm margins will be placed.

Besides, the speaker's file will be delivered, including the following information:

- Speaker's Name
- Scientific or academic degree.
- Teaching category (if you are a professor of Higher Education).
- Level where you work.
- Workplace.
- Job that performs.
- Email.
- Home address.
- Identity Card No.

- 1- The version of the works to be presented on posters may cover a total area of 0.82 m wide and up to 1.20 m high. The posters will be placed as part of the permanent exhibition associated with the congress. The first presentation of the congress will be reserved for the presentation of the posters by the authors.
- 2- The speakers will have 10 min. for the presentation of the works.
- 3- The exposition of the works in workshops (presentations) or posters will be subject to the selection made by the Scientific Committee of the Congress.

## Language

The official language is Spanish but, Portuguese and English are accepted. For presentations in these languages, if necessary, translation may be available. (In the international event)

With a view to guarantee the participation of educators from Ciego de Ávila, the basic events must be developed in all the educational institutions of the province where a selection of the best works will be carried out, which will be presented to the municipal event, those selected in this event will be delivered in the DPE between October 10 and 30, 2019, (printed and digital)

Note: The works for the provincial event will be delivered to Dr.C Mario Borroto Pérez in the DPE.

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