CALL FOR PAPERS
International Congress on Education and Technology in Sciences
CISETC 2021

Chiclayo, Peru
From November 16 to 18, 2021

http://www.usat.edu.pe/cisetc2021/index.php

The INTERNATIONAL CONGRESS ON EDUCATION AND TECHNOLOGY IN SCIENCES (CISETC-2021) has a forward-looking vision to scientific and technological development, assessing the development possibilities found in the classrooms of different educational levels, becoming an academic scientific space, which aims to socialize the BEST TEACHING PRACTICES of MATHEMATICS, CHEMISTRY, BIOLOGY, PHYSICS, STATISTICS related to the use of technology in its several forms.

Teaching Science with Technology in the current contexts is necessary because at present education is virtual, specifically STEAM (Science, Technology, Engineering, Arts and Mathematics) has taken a greater methodological predominance promoting teamwork, cooperation and problem-based project approach, therefore CISETC-2021 responds to this imperative obligation.

This edition of CISETC-2021 is the continuation of 2019 edition at Universidad Catolica de Santa Maria in Arequipa, Peru. In this opportunity, interaction between lecturers and participants will dynamize communication and dissemination of scientific knowledge through conferences and workshops on theoretical or empirical issues regarding:

- ✓ Technology mediation in teaching processes of STEAM areas.
- ✓ Teaching practices of STEAM areas in virtual contexts.
- ✓ Technology ecosystems to teach science.
- ✓ Diversity of gaps for STEAM.
- ✓ Scientific experimentation with ICT.
- ✓ Scientific competence and ICT.
- ✓ Technological aspects of teaching science.
- ✓ Teaching of Mathematics, Chemistry, Biology, Physics, Statistics with ICT.
- ✓ Training of science professors for digital contexts.
- ✓ Didactics of ICT-mediated sciences.
- ✓ Technological Innovations in science teaching.
- ✓ Collaborative learning on technology-based science.
- ✓ Computational thinking.
- ✓ Educational robotics.
- ✓ Educational gamification.
- ✓ Emotional interfaces for scientific education.
- ✓ Use of videogames in scientific education.
- ✓ Artificial intelligence on scientific education.
- ✓ Machine learning and scientific education.

- ✓ Automatic learning in scientific education.
- ✓ Management of ICT-mediated scientific learning.
- ✓ Science teaching methodologies with ICT.
- ✓ Use of virtual laboratories for science teaching.
- ✓ Design and implementation of information system for STEAM adjustment.
- ✓ Development of information applications for science teaching.
- ✓ Technology-mediated evaluation on scientific education.
- ✓ Internet of things for science teaching.

Main event of the Congress is composed of the presentation of theoretical and empirical research works (i) with significant contribution to knowledge or (ii) presenting innovative experience in teaching any of the STEAM subjects.

Important Dates

Deadline for receipt of papers: September 30, 2021.
Notification of accepted papers: October 30, 2021.
Submission of accepted final papers in English: November 10, 2021.

Presentation of Papers

Papers should be submitted in Spanish or English, contributions should present concepts and structures, models, research outcomes or findings that enrich the educational work of scientific education with technology, translated into practical innovation for STEAM. There are two types:

1. SHORT PAPER: 6 pages.
2. LARGE PAPER: 10 pages.

Manuscripts will be sent in PDF format, following the required format, which may be downloaded from http://www.usat.edu.pe/cisetc2021/trabajos.php

Manuscripts will be evaluated by an international committee and those notified as ACCEPTED, as appropriate, should then deliver an ENGLISH version with corrected remarks. At least one of the authors should record its registration.

Publication and Indexation

To ensure publication of an accepted paper, at least one of the authors should be registered as attendant and make its presentation in CISETC-2021, respect the suggested format and do not exceed the expected maximum number of pages (including bibliography).

The accepted paper should be submitted to CISETC-2021, only then it will be considered as a part of formalities to be sent for subsequent indexation in SCOPUS and Web of Science.

CISETC-2021 is associated with the journal:
- ✓ PUBLICACIONES (Indexed in scopus) of Universidad de Granada, which will generate a

special number for publication of the best papers evaluated by CISETC-2021. To that end, extended version will be requested according to the journal's criteria.

Send papers to **https://easychair.org/conferences/?conf=cisetc2021**

Cost:

Students:	**$ 15**
Participants:	**$ 40**
Participant with accepted paper for proceedings (indexed in SCOPUS and WoS):	**$ 250**
Participant with accepted paper should submit the extended version for its publication in Journal "Publicaciones" of Universidad de Granada which is Q2 of Scopus	**$ 300**

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