

## **Panhellenic and International Conference on**

### **“STE(A)M educators and education”**

**Patras or (possibly only) online, 7-9 May, 2021**

**(web site address)**

The Regional Center for Educational Planning of Western Greece (PE.K.ES. D.E.), Computer Technology Institute and Press “Diofantus” (C.T.I.) and Hellenic Open University (H.O.U. co-organize the Panhellenic and International Conference on “STE(A)M educators and education”.

The conference aspires to be a step of academic dialogue of the members of the scientific and educational community of the country and Europe, as well as other stakeholders, on modern scientific approaches and policies in the field of STE(A)M education, so that through the presentations of expert and distinguished scientists from Greece and abroad, to provoke a fruitful dialogue on the developments and implementation of the STE(A)M educational approach in Greek and European Education.

STE(A)M education proposes the introduction of Art in STEM education - Science, Technology, Engineering and Mathematics - and includes learning experiences that enhance interdisciplinarity, creativity and innovation among learners through an attractive way of teaching and training, with application to real problems.

The Conference is coordinated by Dr. Achilleas Kameas, Professor of HOU and Dr. Spyridon Papadakis, Organizational Coordinator of PEKES Western Greece. The conference is supported by the project “STEAMonEdu: Competence development of STE (A) M educators through online tools and communities” (<https://steamonedu.eu/>).

The conference is also supported by the PDE of Western Greece, the international teacher community Scientix (<http://www.scientix.eu/>) and projects “STEAM-IT” (<http://steamit.eun.org/>), “CHOICE” (<https://www.euchoice.eu/>) & “GEMIN” (<https://gem-in.eu/en/>), which are funded by the European Framework Erasmus+ / KA3 / Forward Looking Cooperation Projects in the fields of Education and Training.

The conference is addressed to scientists, teachers and educators of all levels engaged or interested in applying STE(A)M education, researchers and postgraduate students, education executives, providers of vocational education and training but also to any individual interested in being informed of the latest scientific developments, experiences and the results of the implementation of the STE(A)M educational approach. Certificates of participation will be awarded to the conference attendees.

The conference will take place by physical presence (to the extent that the health conditions allow it) and at the same time online from Friday 07/05/21 until Sunday 09/05/21.

## Conference structure

The conference program will include:

- Invited Speakers
- Presentations of Scientific Papers
- Symposiums \*
- Round Tables \*
- Training sessions (Tutorials) \*
- Workshops \*
- Posters

\* Sessions of special form

## Topics

- Evolution, Epistemology and Theoretical Approaches to STE(A)M education
- STE(A)M educational practices
- Challenges and training opportunities for STE(A)M education policy development
- Impact of STE(A)M education on society
- Professional development of STE(A)M educators
- Tools for developing STE(A)M training content in the 21st century
- Special-Anniversary Theme: Learning about the Greek Revolution of 1821 using STE(A)M education

## Scientific Papers - STE(A)M education practices

Submission of scientific papers (at easychair), STE(A)M practices (at the STEAMonEdu Minutes Repository ), special sessions (by e-mail at: [steam2021conference@gmail.com](mailto:steam2021conference@gmail.com) ).

Additional information can be found on the conference website.

Each submitted paper and practice, except for the invited ones, will be peer reviewed by at least two reviewers. The acceptance of the papers and practices that will be presented at the Conference will be based on their originality and quality. All papers and practices that will be accepted for presentation will be published in the Proceedings of the Conference.

## Information

More information on the websites:

Conference website: <https://steamonedu.eu/STEAM2021Conference>

PE.K.ES. Western Greece website: <https://blogs.sch.gr/pekesde/archives/2216>

R.D.E.W.G. website: [rb.gy/rubshk](http://rb.gy/rubshk)

CTI website: <http://www.cti.gr>

HOU website: <http://daissy.eap.gr/>

STEAMOnEdu Project Website: <https://steamonedu.eu/>

### **Important dates**

26 February 2021: Submission of proposals for special sessions

20 February 2021: Submission of proposals for special sessions

18 February – 14 March 2021: Submission of papers (full texts) and practices for review

10 March 2021: Update on the acceptance of special sessions

28 March 2021: Update on the acceptance of papers and practices

18 April 2021: Submission of final versions of the papers that have been approved -  
Registration of presenters

23 April 2021: Announcement of the Conference programme