

2nd International Scientific Conference

(HYBRID)

ANNOUNCEMENT

In the context of the actions of the Secondary Education Directorate of Arta, we inform you that the 2nd International Scientific Conference will take place on November 1, 2, 3, 2024, in Arta on the subject:

"Education in the Age of Artificial Intelligence".

The Conference is addressed to Faculty Members, EDIP, Researchers, Education Executives, Teachers of all Primary and Secondary Education specialties, School Units, Students and anyone interested from Greece and abroad.

The Conference is co-organized with

- The Directorate of Secondary Education of Pella
- The Department of Informatics of the University of Piraeus
- The Department of Electrical and Computer Engineering of the University of Peloponnese.
- The National Support Organization of the eTwinning action of the "Diofantos" Institute of Computer Technology and Publications.
- The Laboratory of Knowledge and Intelligent Informatics, of the Department of Informatics and Telecommunications of the University of Ioannina, directed by Associate Professor Mr. Ioannis Tsoulos.
- The Research team of the Teaching of Natural Sciences and Education for Sustainability, with EY the professor and member of the Board of Management of the University of Ioannina, Mrs. Katerina Plakitsi.
- The Pedagogical Department of Elementary Education of the University of Ioannina.
- The Department of Electrical and Computer Engineering of the Democritus University of Thrace.
- The Audio and Video Department of the Ionian University.
- The Institute of Industrial Systems, of the ATHINA research center, with Professor Chrysostomos Stylio as its Director.
- The Regional Directorate of Primary & Secondary Education of Epirus
- The Regional Directorate of Primary & Secondary Education of Central Macedonia

- The Ephorate of Antiquities of Arta
- The Friends of Arta Archaeological Museum and Monuments Association.

Thematic axes of the conference

1. Formal education in the age of Artificial Intelligence (AI)

Institutional framework and European policy for T.N. in formal education

Educational process and digital games

Platforms T.N. and their utilization

A.P.S., school textbooks and T.N.

Teacher training and development of intelligent educational systems

The position of T.N. today in the educational process

T.N., ethical and pedagogical issues

Teaching strategies in the age of T.N.

Administration of educational units in the era of T.N.

T.N. and intercultural education

T.N. and European programs

T.N. and School Vocational Guidance

T.N. and differentiated instruction

2. Non-formal education in the age of Artificial Intelligence

T.N. and adult education

T.N. and personalized learning mechanisms

T.N. and lifelong learning

T.N. and Greek language

T.N. and culture (past, present, future)

T.N. and science

T.N. and communication

The role of T.N. in exploring the universe

T.N. and professional orientation

3. Special Education in the age of Artificial Intelligence

Institutional framework and European policy for T.N. in special education

T.N. and teacher training

T.N. and support for students with disabilities

T.N. and personal data

T.N. and distance education

T.N. and robotics

T.N., detailed curricula and EAE textbooks

T.N. and its utilization by students with special learning difficulties

T.N. and differentiated instruction

Development of musical skills of EAE students through T.N.

Art education of EAE and TN students.

4. Music education in the age of Artificial Intelligence

T.N. and instrument learning

Formation of educational environment

Practice platforms

T.N. in music theory and analysis

T.N. and vocal

T.N. and composition

Institutional framework

T.N. and music analysis applications

T.N. and interpretative approaches to musical works

5. Museum education in the age of Artificial Intelligence

T.N. and study of History

T.N. and digital environment shaping

T.N. and museum educational games

T.N. and educational programs (distance – for life)

T.N. – museum education and digital transformation

T.N. and study of material and immaterial culture

6. Artificial Intelligence as a support tool per teaching subject

Search platforms

T.N. and digital design

T.N. and teaching methods (per course)

T.N. - evaluation

T.N. and educational innovation

T.N. and detailed programs

T.N. and book

T.N. and inclusive education

T.N. and teaching Greek as a second, foreign language

7. Learning in the age of Artificial Intelligence

T.N. and new technologies in education

Machine learning

Neural networks

Supervised learning

T.N. – the two sides of the coin

Interaction - interactive learning models

8. Applications of Artificial Intelligence in lexicography and translation

T.N. and machine translation software (pros-cons)

T.N. and verbal communication code

T.N. and lexicography

T.N. and international exchange programs

T.N. and immigration

9. Music in the age of Artificial Intelligence

T.N. and composition tools, composition and rendering engines

T.N. and copyright attribution procedures

T.N. and questions of authenticity of musical compositions

Greek song and Greek music in the context of T.N.

10. Visual Arts in the age of Artificial Intelligence

T.N. and visual creation tools

T.N. and painting - sculpture platforms

T.N. and copyright attribution procedures

T.N. and authenticity of visual works,

Greek artistic creation in the context of T.N.

11. Information Science in the Age of Artificial Intelligence

T.N. and information search

T.N. and knowledge management

T.N. and information literacy

T.N. in library services

T.N. and bibliography automation

12. Educational Tools in the Age of Artificial Intelligence

T.N. and teacher training

T.N. and creating new educational tools

T.N. and selection of educational tools

T.N. and training in the use of educational tools

T.N. and integrating tools into the course

T.N. and automated assessment/feedback

13. Immersion Technologies in education

T.N. and educational applications Virtual Reality (Virtual Reality)

T.N. and educational applications Augmented Reality

T.N. and educational applications Mixed Reality (Mixed Reality)

T.N. and Metaverse educational applications

T.N. and intelligent pedagogical agents

T.N. and models for personalized learning

14. Educational Data in the Age of Artificial Intelligence

T.N. and Learning Analytics

T.N. and Educational Data Mining

T.N. and performance prediction

T.N. and personalization of learning parameters

T.N. and trainee feedback

T.N. and ethical dilemmas / protecting educational data privacy

Legal framework

T.N. and ethical management of educational data

Objectives of the Conference

- To highlight the positive perspectives but also the risks from the application and utilization of Artificial Intelligence in Education and in general in people's lives.

- To explore the contemporary position/opinion that Artificial Intelligence in Education (AIED) is that scientific field that focuses on "intelligent" teaching and learning systems.
- To present the ways through which the use of Artificial Intelligence in Education can lead to the improvement of both the teaching-learning process, as well as the support, development and infrastructure of the project and the vision of educational institutions.

Submission of Works

The Scientific Committee of the Conference invites those interested to participate with:

A. Research proposals

A'1. Research Papers (completed original research papers and studies).

A'2. Educational Interventions (papers that present scientifically proven educational interventions that have been implemented in real-world settings and evaluated for their educational value).

B. Educational tasks

B1. Implementation of teaching scenarios (tasks presenting the design and implementation of teaching scenarios)

B 2. Design of didactic scenarios (assignments presenting the design of didactic scenarios containing elements of innovation or originality)

C. Educational actions

C1. Round table sessions (Panels): It is proposed to organize open discussions around a special topic, which is of wider interest to the scientific and educational community, is current, innovative or provokes different and conflicting opinions. In order to give the session an emphasis on the participation of the delegates, each round table is proposed to include a maximum of five (5) presenters. The proposal will include the topic and its documentation, presenters and a brief description of their interventions.

C2. Training Workshops – Symposiums (Workshops): Training on special topics of pedagogy and educational design related to artificial intelligence, which are of interest to teachers and researchers. The proposal should include the purpose, the digital environment/product and its educational value, the target audience and every element related to its organization.

As part of the work of the Conference, experiential workshops and a round table will take place.

The Conference will take place in person at the campus of the University of Ioannina in Arta, as well as remotely.

To submit the work, you must register on the registration form, ([Registration](#)) where the details of the presenter as well as a short CV will be entered.

Important Dates

- Submission of Abstracts by 31/07/2024
- Informing Authors about the acceptance of the work 30/09/2024
- Submission of Final Works for the Conference Proceedings 30/11/2024

The Scientific Committee will select the best papers, which will be invited to be extended, written also in English in order to be submitted for publication in an international scientific journal.

There is no financial charge for participating in the Conference.

After the end of the Conference, Certificates (participation-attendance) will be given and digital minutes will be posted

Detailed information is listed: dide.art.sch.gr/synedrio2/.

The email of the Conference is: ddeartasynedria@gmail.com.