2nd International Scientific Conference

(HYBRID)

SECOND ANNOUNCEMENT

In the context of the actions of the Directorate of Secondary Education of Arta, you

we know that the 2nd International Scientific Conference will be held on November1, 2, 3, 2024, in Arta on the subject:

"Education in the Age of Artificial Intelligence".

The Conference is addressed to Faculty Members, EDIP, Researchers, EducationExecutives,

Teachers of all Primary and Secondary specialties

of Education, School Units, Students and anyone interested from Greeceand the outside.

The Conference is co-organized with

• The Directorate of Secondary Education of Pella

• The Department of Informatics of the University of Piraeus

• Its Department of Electrical and Computer EngineeringUniversity of Peloponnese.

• The National Support Organization of the Institute's eTwinning actionof Computer

Technology and Publications "Diofantos".

• The Laboratory of Knowledge and Intelligent Informatics, of the Departmentof

Informatics and Telecommunications of the University of Ioannina, meDirector is Associate

Professor Mr. Ioannis Tsoulos.

• The Research team of the Teaching of Natural Sciences and

of Education for Sustainability, with EY as its professor and memberBoard of

Administration of the University of Ioannina, Ms. KaterinaTiling.

• The Pedagogical Department of Elementary Education of the UniversityIoannina.

• Its Department of Electrical and Computer Engineering

Democritus University of Thrace.

• The Audio and Video Department of the Ionian University.

• The Informatics Department of the Ionian University.

• The Institute of Industrial Systems, the research centerATHINA with Professor

Chrysostomos Stylio as Director.

• The Regional Directorate of Primary & Secondary Education of Epirus

• The Regional Directorate of Primary & Secondary Central Education

Macedonia

• The Regional Directorate of Primary & Secondary Education of Ionion Nison

• The Directorate of Primary Education of Zakynthos

• 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 era 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 supporting 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 (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 implementation and

utilization of Artificial Intelligence in Education and in general in their lives

people.

• To investigate the contemporary position/opinion that Artificial Intelligence in Education

(Artificial Intelligence in Education – AIED) is that scientific field

which 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 process

teaching - learning, 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 (works that present scientifically documented

educational interventions that have been implemented in real-world settings and
evaluated

in terms of their educational value).

B. Educational tasks

B1. Implementation of teaching scenarios (tasks that present the design and

implementation of teaching scenarios)

B 2. Design of didactic scenarios (tasks that present the design of didactics

of scripts containing elements of innovation or originality)

C. Educational actions

C1. Round table sessions (Panels): The organization of open ones is recommended

discussions around a special topic, which is of wider interest to the scientific and

educational community, is current, innovative or causes different and

conflicting views. 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 brief

description of their interventions.

C2. Training Workshops – Symposiums (Workshops): Training on special topics

pedagogy and educational design related to artificial intelligence, which

of interest to educators and researchers. The proposal should include the purpose,

the digital environment/product and its educational value, the audience to which

every element related to its organization is also addressed.

As part of the work of the Conference, experiential workshops will take place

and round table.

The Conference will take place in person at the premises

(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 presenter's details will be entered as well as a brief

resume.

Important Dates

• Submission of Abstracts until 31/07/2024

• Informing Authors about the acceptance of the work 30/09/2024

• Submission of Final Works for the Conference Proceedings 31/11/2024

The Scientific Committee will select the best papers, which will be invited to

be extended, to be written in English in order to be submitted for publication to

international scientific journal.

There is no financial charge for participation in the Conference.

After the completion of the Conference, Certificates will be given (participation

monitoring) and digital minutes will be posted

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

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