



ACADEMY OF SCIENCES OF ALBANIA
ALBANIAN YOUNG ACADEMY

CONFERENCE CALL

The **Albanian Young Academy of Science** is organizing an international scientific conference for early-career researchers, focused on: "**Technology, Artificial Intelligence (AI), and the Transformation of Scientific Research**".

The event will be held on **December 3, 2024, at the Academy of Science of Albania**, in collaboration with and supported by the Academy of Sciences of Albania. The conference aims to engage young researchers at both national and international levels. Eligibility for participation is extended to early-career researchers who have completed their doctoral studies within the last 10 years or are currently pursuing a doctorate.

This conference presents a valuable opportunity for lecturers, early-career researchers from academic institutions and research organizations, as well as representatives from both private and public sectors. The primary objective of the event is to foster comprehensive discussions on the impact of artificial intelligence and technology on scientific research. Furthermore, the conference will explore the evolving nature of scientific research in the era of Artificial Intelligence, emphasizing not only the dynamic nature of this field but also addressing emerging issues such as the ethical implications of AI integration in scientific research and the convergence of traditional research methods with modern technological approaches.

Through interactive dialogues and discussions, the conference aims to advance and deepen the scientific discourse on this critical and timely topic, which is of significant relevance to the modern scientific community. Active participation and contributions are strongly encouraged, enabling attendees to engage in meaningful discussions regarding the impact of technology and artificial intelligence on the future of scientific research.

- This conference will adopt a **hybrid format**, allowing both **in person and online participation**. This approach aims to extend access for young academics, including those working internationally.

- Presentations may take the form of either **oral sessions or poster displays**, with the added option of submitting scientific works as "**Review**" articles (summaries or review papers).
- Importantly, **no registration fees** are required for participation in the conference.

The fundamental areas and guiding principles of this conference include:

1. The role and impact of Artificial Intelligence in Scientific Research: Exploring how AI is revolutionizing research methodologies and outcomes across the natural, social, and human sciences.
2. Automation and Efficiency Improvement in Scientific Research: Assessing the role of AI and other emerging technologies in improving the efficiency, accuracy, and reliability of research processes.
3. Ethics and Regulation of Artificial Intelligence in Scientific Research: Addressing the ethical and legal considerations related to the use of AI in research, including social responsibility and data privacy protection.
4. The Impact of Artificial Intelligence on Education and Scientific Creativity: Exploring how AI and advanced technologies are reshaping teaching methods and fostering innovation in scientific inquiry.
5. Leveraging International Cooperation and Artificial Intelligence in Scientific Research: investigating how AI and other cutting-edge technologies can foster enhanced international collaboration and knowledge exchange.
6. Promoting Interdisciplinary Research through AI: Highlighting the importance of interdisciplinary approaches, as the integration of diverse research fields becomes critical to advancing contemporary academic research.
7. Inclusivity in Scientific Discourse: Emphasizing inclusivity as a key principle of the conference, with the goal of encouraging broad participation from academics and researchers across various disciplines and backgrounds.

The following scientific disciplines may be encompassed within these topics:

- Information and Communication Technologies (ICT)
- Natural Sciences and Engineering (STEM)
- Social Sciences and Humanities
- Agriculture and Biotechnology
- Health and Life Sciences
- Education and Education
- Applied Sciences

*(*Important note: This compendium of disciplines is meant to offer guidance rather than impose limitations on conference participants.)*

Dates and other important data:

	Deadline	E-mail address
Submission of abstracts	October 25, 2024	albya@akad.gov.al
Conference date	December 3, 2024	
Full paper submission	December 23, 2024	albya@akad.gov.al

***Important note:** Abstracts must be submitted to the official email address albya@akad.gov.al no later than October 25, 2024. Upon acceptance of the proposal, the full paper must be submitted by December 23, 2024, to the same email address.

The conference will be conducted in both Albanian and English languages:

- Authors are required to submit abstracts in both Albanian and English, or exclusively in English for non-local participants.
- Full articles are accepted in either Albanian or English.

The papers presented at the conference will be published in either Albanian or English in the periodical journal of the Albanian Young Academy (**Journal of the Albanian Young Academy, Volume 1, 2019**). The Journal holds an ISBN code, and complete articles will undergo a blind peer review process by the scientific board prior to their inclusion in the final publication. Additionally, these works will also be featured on the website of the Academy of Sciences of Albania.

Submission Guidelines for Abstracts/Summaries:

Field of Research: Specify the field and scientific discipline of your study.

Title: The title should be written in capital letters in Times New Roman. Size 12. Positioning in the middle of the page (center) and bold.

Names of Authors and affiliation :

Ensure that the authors' full names and surnames are written in capital letters, using the Times New Roman font, size 10. Below the authors' names include the complete addresses of

the institutions where the authors are employed and involved in scientific research. This should include the name of the university, faculty, department, city, and state.

Abstract: The abstract should be formatted in Times New Roman, size 12, without the use of capital letters. It should include a comprehensive overview of the study's topic, purpose, methodology (if applicable), primary findings, and conclusions. The abstract is required to fall within the range of 250 to 300 words.

Keywords: Keywords are typed in Times New Roman, size 10, and in italics. There should be no more than 5 keywords.

Submission of Proposals: Abstracts must be submitted to the official address albya@akad.gov.al by **October 25, 2024**. If your proposal is accepted, the full paper must be submitted by **December 23, 2024** to the same email address.

Submission Guidelines for Full Article Publication:

Text Format: The complete manuscript must be submitted in Microsoft Word format and should not exceed 12 pages in A4 format (210 x 297 mm), including tables, graphics, figures, and any accompanying notes.

- Set the margin to 2.54 cm (1 inch).
- Maintain justified alignment with a single-spaced format.
- Ensure a consistent first-line indent for each paragraph.
- Utilize 12-point Times New Roman font style and size.

Tables and Figures: Each table and figure must be accompanied by a specific title. Provide a description of the contents of the tables and figures to minimize the need for frequent references in the main text. Any additional

data required for clarification should be appended at the end of the respective table or figure.

Ensure that the comprehensive article encompasses the following primary components:

- **Summary/Abstract:** This section provides a concise summary of the study, including its significance and purpose.
- **Introduction:** In this section provide general information about the subject of the study and its objectives. It concludes by explicitly stating the study's purpose.
- **Materials and Methods:** This section provides a detailed information about the experimental procedures and protocol followed, providing enough information for others to reproduce the study. I also encompasses the statistical methods used and their level of significance.
- **Results and Discussions:** This section delivers a clear and easy-to-understand data. The results must be presented in a logical and concise manner, followed by a discussion to interpret the new findings in the study.
- **Conclusions:** This section should provide a brief summary of the findings and their interpretation.
- **Acknowledgments:** Include the names of collaborators and contributors who assisted with the study, along with information about funding sources.
- **References:** Cite your references in the text using a numbered system in square brackets. For example, "The study from [1] shows that...". Remember to include all references cited in the References section.
- In the References section, list all references in the following format: [1] Surname, Author's Name in bold, "Title of the Paper", Journal/Monograph Name, Journal Number, Year of Publication, Page Numbers, Place of Publication.

***Important note** :*Adhere to this format for all references used in your paper to ensure a clear and standardized presentation of the cited sources.*

Manuscript submission:

- The manuscript must be an original work and comply with the specified guidelines.
- Submit the manuscript as an attached document to the official email address: albya@akad.gov.al by **December 23, 2024**.

Cover letter:

- Clearly state that the manuscript has not been published elsewhere and is not under consideration for publication elsewhere.
- Specify any potential conflicts of interest and confirm that all authors have approved the final manuscript.

Prior to submission, verify that your manuscript adheres to these specified requirements. Do not hesitate to reach out to us if you require further assistance or have any additional inquiries.

The structure for composing a "Review article":

Summary/Abstract:	The abstract should encompass approximately 200-300 words and deliver a succinct overview of the inquiries pertinent to the given topic, the primary studies under consideration, and the resulting conclusions.
Introduction:	The introduction should present the chosen issue and the author's point of view, emphasizing the importance of addressing it. Clearly state the points that the article will discuss, maintaining the order that will be followed in the rest of the text. Include any necessary basic information that the reader will need to understand the author's reasoning.
Body:	This section should cover all the necessary subtopics to address the questions raised. The information should be organized into sections to clearly present the author's viewpoints. For each subtopic, the author must carefully describe and critically evaluate the information obtained from scientific articles and the methods selected.
Conclusions:	This section should begin by briefly summarizing the main points of the paper and its significance. Then, it should discuss the conclusions, including their practical application, and the author's opinion on the future path for further development of scientific research in the field addressed.

We extend our gratitude for your expression of interest. We eagerly look forward to your esteemed contributions to this significant conference, which seeks to facilitate the exchange of ideas and propel the advancement of scientific pursuits.

With anticipation,

Scientific Board

Aulon Shabani

Belfjore Zifla

Shaniko Allajbeu

Joniada Barjaba

Resul Telhaj

Erald Sino