

Under the Patronage of

Professor Dr. Mohamed Ayman Ashour
Minister of Higher Education and Scientific Research

And

Professor Dr. Ahmed Abdullah Zayed
Director of the Library of Alexandria

The Bibliotheca Alexandrina cordially invites you to participate
in its first International Conference on Interdisciplinary Sciences

Entitled

**Towards a New Scientific Horizon: Dynamics of
Interdisciplinary Convergence of Sciences in the
Future**

27–28 October 2024

Bibliotheca Alexandrina Conference Center, Small Theater

- Deadline for receiving abstracts: 31 July 2024
- Notice of abstracts acceptance: 15 August 2024
- The deadline for receiving the full paper is 1 January 2025.

Please send the registration form, abstracts, research papers, and
a short CV to the email: dicsf@bibalex.org

For more details, please follow the conference website:
www.bibalex.org/dicsf

The Bibliotheca Alexandrina's first International Conference on Interdisciplinary Sciences

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Towards a New Scientific Horizon: Dynamics of
Interdisciplinary Convergence of Sciences in the Future
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Introduction

In light of the globalization's rapid advancements in the various fields of science, knowledge, and scientific research, interdisciplinary studies are becoming, more and more, an essential necessity of top priority. Each discipline of scholarly research has delved deeply into its specific specialized fields and sub-fields, making groundbreaking scientific discoveries and achievements that have sparked significant scientific and technological revolutions. However, this abundant wealth of knowledge has become fragmented and lacking connections between the various disciplines. Thereupon, interdisciplinary studies emerge as a crucial tool which may dynamically enable better scholarly integrality and interconnectivity. It is a vital method to provide new horizons for the benefit of scholarly research and to uniquely offer vivid interaction in scholarly communities. It represents a systematic endeavor to bridge disciplinary boundaries, making them more fluid and comprehensive, thereby, expanding the scope of scientific research and organizing knowledge around richly diversified scientific fields rather than delving deeper into mono-track specializations.

In this respect, the Bibliotheca Alexandrina has established its first annual conference focused on the future of interdisciplinary studies, aiming to foster interaction and to promote convergence between diverse disciplines and sciences. This will enable them to be more capable and effective in keeping pace with global developments and societal changes.

Conference tracks

➤ **Horizons of Interdisciplinary Convergence of Sciences: Natural and Social Sciences**

This track aims to explore the fundamental concepts about interdisciplinary sciences, aiming to reach homogeneous methodology(ies) for natural and social sciences, as well as understanding the processes of linguistic and cognitive perception, in light of the interaction between the humanities, social, behavioral, biological sciences, linguistics, physiology, physics, chemistry, computer science, social sciences, and history, targeting to achieve a deeper understanding of human existence and enhance its futuristic survival.

➤ **Challenges of Communication Technology and Artificial Intelligence**

This track aims to explore and support the interdisciplinary sciences, with the goal of reaching a multidimensional approach towards the sciences in all its diversified specializations of research. This is in light of the overlap between the biological, physiological, physical sciences, as well as, chemistry, computer science, environmental sciences, social sciences, and applied sciences —especially in the fields of engineering, medicine, and pharmacology, aiming to achieve a deeper understanding of human existence and enhance the quality of its futuristic survival.

➤ **New Methodological Explorations**

This track aims to develop and create more integrated methodological approaches that aim to identify the way in which the methodology or theory may re-produces new methods for scientific research in the various fields of the sciences, via supporting the interconnected methodologies for the specializations of interdisciplinary characteristics.

➤ **Environmental Challenges**

This track aims to monitor the most important environmental challenges and study their various effects, which may require urgent international and local interventions. Herein, the following topics will be discussed: climate change, loss of biodiversity, water scarcity, agriculture, food security and desertification.

➤ **Health and Society: Challenges of Genetic Engineering**

This track aims to focus on studies that may provide practical solutions to improve the medical sector, possible mechanisms to improve health services, develop public health care policies, and enable the making of health-related political decisions. It also focuses on the emerging images of the uses of robots in the field of health care, and monitoring and tracking the possible effects that robots may impact on updating family and community health care.

➤ **New Perspectives of Social Issues**

This track aims to explore new methods which could be more innovative, creative, and effective to enhance the practice in community fields relevant to women. Within this track the following ideas will be discussed: achieving sustainable development for women in developing societies, developing non-traditional approaches towards addressing violence against women, highlighting global policies which aim at supporting women (including exploring these policies' pathways and methods of implementation within societies), in addition to addressing topics

related to using digital methods in education and the advancement of educational systems.

➤ **Culture and Society**

This track aims to shed light on community developments and ideas, such as: identity, citizenship, national belonging, digitalization and augmented reality innovations and its relation to human behavior and its cultural developments in real or virtual communities, especially within the fields of research in political science, information and communication sciences, and economic science.

➤ **Explorations of Futuristic prospects (Futurism)**

This track aims to create more innovative, integrative, and consistent knowledge approaches that can anticipate and explore the future, overcome the problems and complexities facing the various sciences and their scholarly research, and help in providing methodologies to understand how we can better foresee the future of mankind.

Participation fees

- Participation fees for Egyptians is 1,500 Egyptian pounds, the same participation fees applied to foreigners who residing in Egypt.
- Participation fees for foreigners: \$200.
- Students attendees and Fresh graduates :EGP 200
- Post Graduates attendees : EGP 300
- Academia/ Other attendees: EGP 500
- Foreign attendees, \$100.
- **Note:** The researcher participating in the conference will charge the travel expenses, as the Bibliotheca will charge the expenses of accommodation and transportation from the airport to Alexandria

Publishing Guidelines

- Research abstracts should not exceed 500 words in both Arabic and English, the abstract should clearly include the importance of the research, its problem, its objectives, the methodology used, conclusions, and key words.
- CV should be attached with abstract including personal, professional and academic data as well as the contact details of the applicant
- Research papers are accepted in Arabic, English or French.
- The research should focus on one of the main track of the conference.
- The research should be original, innovative, and methodical. It should also meet the conditions and standards of scientific research, and utilize specialized sources and references in Arabic and foreign languages.
- The research should not be previously published in any form of publication, submitted to a scientific conference or symposium, or taken from a published book or academic thesis.
- The publishing methodology and the rules for writing the sources and references used at the Bibliotheca Alexandrina should be adhered to, and the researcher is committed to making any bibliographical amendments if requested.
- The research should be submitted electronically in MS Word format, via e-mail. Arabic research papers should be written in Traditional

Arabic font (16 pts for the text, 12 pts for the margins). English or French research papers should be written in Times New Roman font (12 pts for the text, 10 pts for the margins). The distances between the lines should be 1.5 cm, the use of brackets should be adhered to, and the numbering should be unified. In the case of attached images, the resolution of the images should not be less than 300 in TIF or JPG format.

- Margins and references should be placed at the end of the research electronically, and the margin numbers should be sequential throughout the entire research paper.
- The full digits should not exceed 25 A4 pages including margins, appendices, indexes, references, sources, illustrations and figures.
- Accepted papers will not be included in the conference program except after submitting the full text on the dates specified.
- The final decision to authorize or reject the publication of the research is made by the Scientific Committee. In the case of approval after modification, the researcher is obliged to make the required modifications. In the event of rejection, the Scientific Committee reserves the right not to give reasons for the rejection.
- The papers will be published in the conference proceedings after they have been scientifically reviewed.