Higher Education in the Arab World: Artificial Intelligence

Beirut, 11-12 April 2025

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Program

Friday 11 April 2025

8:30 - 9:00 **Registration**

Ball Room, C Floor, Gefinor Rotana, Beirut, Lebanon

9:00 - 10:30 **Opening Ceremony**

Elias Baydoun, Professor, American University of Beirut and Secretary General, Arab Academy of Sciences, Beirut, Lebanon

Rami Abdel-Rahem, President, University of Petra, Amman, Jordan

Hamdan Al-Fazari, Vice Chancellor, Sohar University, Sohar, Sultanate of Oman

Adnan Badran, President, Arab Academy of Sciences and Chancellor, University of Petra, Amman, Jordan

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Keynote Address

Using Generative AI to Personalize Teaching and Learning in Higher Education Contexts

Nada Dabbagh, Professor and Director, Division of Learning Technologies, College of Education and Human Development, George Mason University, USA

Higher Education in the Generative AI Era: An Inevitable Pedagogical Palimpsest

Adnan Badran, President, Arab Academy of Sciences, Beirut, Lebanon, Chancellor, University of Petra, and Chairman, Board of Trustees, University of Jordan, Amman, Jordan

10:30 - 11:00 **Coffee Break and Group Photo**

1

Session I

Chair: **Nuhad Daghir,** Dean Emeritus, Faculty of Agricultural and Food Sciences, American University of Beirut, Beirut, Lebanon

11:00 - 11:20 **Artificial Intelligence and its Potential to Transform Higher Education in the Arab States**

Hamdan Al-Fazari, Vice Chancellor, Sohar University, Sohar, Sultanate of Oman

11:20 - 11:40 **Utilizing Artificial Intelligence in Higher Education: A Survey Study at the University of Petra**

Rami Abdel-Rahem, President, University of Petra, Amman, Jordan

11:40 - 12:00 **Mind the Algorithm: Charting a Responsible Course for AI in Higher Education**

Elie AlChaer, Founding Attorney & CEO, Law Offices of Elie D. AlChaer Dallas, TX; Washington, DC, USA

12:00 – 12:20 **Implementing Skills 4.0 in Higher Education: Pros and Cons**

Dhiya Al-Jumeily, Professor of Artificial Intelligence, Liverpool John Moores University, Liverpool, UK

12:20 - 12:40 **Harnessing Artificial Intelligence in Administering Academic Processes in Jordan; the University of Jordan—a Case Study**

Mohammed Khasawneh, Professor of Electrical Engineering, University of Jordan, Amman, Jordan

12:40 - 13:00 **Artificial Intelligence-Driven Engineering Education**

Isam Zabalawi, President, Australian Univeristy, Safat, Kuwait

13:00 - 13:30 **General Discussion**

13:30 - 14:30 **Lunch, Olive Garden, Lobby Floor, Gefinor Rotana**

Session II

Chair: **Dhiya Al-Jumeily,** Professor of Artificial Intelligence, Liverpool John Moores University, Liverpool, UK

9:00 - 9:20

The Role of Artificial Intelligence in Scientific Research: University of Petra as a Case Study

Faisal Aburub, Professor of Information Systems, University of Petra, Amman, Jordan and Dean of Scientific Research and Graduate Studies, University of Petra, Amman, Jordan

9:20 - 9:40

Implementation of the Strategic and Executive Plans for the University of Jordan: Leveraging Recent Trends in Artificial Intelligence in Education

Mohammed Khasawneh, Professor of Electrical Engineering, University of Jordan, Amman, Jordan

9:40 - 10:00

AI Ethics Education in the Arab Region

Hans Muller, Professor of Philosophy, American University of Beirut, Beirut, Lebanon

10:00 - 10:20

Boosting AI Innovation, Technology Transfer, and Industry Collaboration in Arab Higher Education

Hussein Al-Omari, Professor, Fahd Bin Sultan University, Tabuk, Saudi Arabia

10:20 - 10:40

Catalyzing AI Excellence in Arab universities: Strategies for Building Globally Preeminent Research, Education, and Talent Pipelines

Wassim Jaber, Postdoctoral Researcher, Higher School of Industrial Physics and Chemistry of Paris-IPGG, Paris, France

10:40 - 11:10   **Coffee Break**

Session III

Chair: **Hoda Baytiyeh,** Director, FAS E-Learning and Innovation, and Professor, Department of Education, American Univeristy of Beirut, Beirut, Lebanon

11:10 - 11:30   **Artificial Intelligence Implementation for Plagiarism Detection in Arab Scientific Publications**

Mayssoon Dashah, Professor of Dentistry, Damascus University, Damascus, Syria

11:30 - 11:50   **Transforming Higher Education using Artificial Intelligence: Innovations, Future Directions, and Risks**

Saba Bashir, Chairperson, Department of Software Engineering and AI, Federal Urdu University of Arts, Sciences & Technology, Islamabad, Pakistan

11:50 - 12:10   **Pedagogical Application of Artificial Intelligence (AI) on English Language Teaching Contexts in Arab World Higher Education**

Hiba El Tayara, Senior Instructor, Australian University, Safat, Kuwait

12:10 - 13:00   **Final Discussion and Recommendations**

Session IV
Chair: **Adnan Badran**
Rapporteur: **Joelle Mesmar**
Participants: **Elie Al-Chaer, Hamdan Al-Fazari, Nada Dabbagh, and Isam Zabalawi**