



## **Prof. Dr. Walid A. Salameh**

Professor of Computer Engineering in PSUT and a senior technical consultant in Association for Arab Universities and the Arab Association for Digital Economy.

**Keynote title: How the AI and Machine Learning are Shaping our Future Technology**

### **Bio**

Walid A. Salameh is a Professor of Computer Engineering in PSUT and a senior technical consultant in Association for Arab Universities and the Arab Association for Digital Economy. Prof. Salameh has served as a vice president in Princess Sumaya University and dean for the Engineering and the ICT College there as well as the dean of Scientific Research and Graduate studies.

He was an adjunct professor at the university of New York Institute for Technology and visiting professor at MIT, ASU, and others. He has chaired many national and regional committees in ICT projects and coordinating many EU & International projects implemented in PSUT.

Prof. Salameh has published more than 80 scientific papers and authored five books. His current research lines are on Areas Cybersecurity, Data Science, Artificial Intelligence, ML, Natural Language Processing (NLP), Data Mining, Artificial Neural Networks, Image and Speech Recognition. Computer Networks and Security.

# How the AI and Machine Learning are Shaping our Future Technology

## **Abstract:**

As we stand on the cusp of an era defined by rapid technological advancements, Artificial Intelligence (AI) and Machine Learning (ML) are proving to be the key drivers shaping the future of innovation across all sectors. This keynote speech will explore how AI and ML are not just enhancing existing technologies but are also fundamentally reshaping how we live, work, and interact in a digital-first world. Through real-world examples, we will examine how AI's data-driven insights and ML's predictive capabilities are revolutionizing industries, from healthcare and finance to education and energy, making processes more efficient and outcomes more personalized.

The talk will also address the pressing ethical and societal considerations accompanying these transformative technologies, including the importance of building responsible AI systems that are transparent, fair, and inclusive. Attendees will gain insights into the potential AI and ML hold for driving sustainable growth, promoting accessibility, and fostering economic resilience. Furthermore, we will discuss the collaborative role that academia, industry, and governments must play in harnessing these technologies for the collective good. Ultimately, this session aims to inspire a forward-thinking approach to leveraging AI and ML as powerful tools to craft a more connected, innovative, and equitable future.

This presentation is an invitation to not only embrace AI and ML's transformative potential but also to actively engage in the responsible development and deployment of these technologies to shape a future that benefits all.