



## **Prof. Dr. Yousry S. Elgamal, D.Sc.**

Professor of Computer Engineering, senior consultant at The Arab Academy for Science and Technology, and Chairman of the Computer Scientific Society (CSS), Alexandria-Egypt.

**Keynote title: A New Dimension to University Education:  
The Metaversity**

### **Bio**

Prof. Yousry Elgamal, Professor of Computer Engineering, senior consultant at The Arab Academy for Science and Technology, and Chairman of The Computer Scientific Society (CSS), Alexandria-Egypt. He is the Chairman of the Communication and Information Committee of The National Forum of Education, Culture and Sciences (UNESCO, ALECSO, ISESCO). He served as The Minister of Education of Egypt 2005-2010, Chairman of the Board of Trustees, Egypt Japan University of Science and Technology (E-JUST) 2010-2014, and the senior consultant of the National Telecommunications Institute of Egypt.

Elgamal has also served in a number of capacities at The Arab Academy for Science and Technology and Maritime Transport including Vice-President for Education and Research, Founding Dean of College of Engineering and Technology, Founding Chairman of Electronics and Communication Department, and Assistant to the President for Informatics. He served also as a Lecturer of Nuclear Electronics at The Atomic Energy Agency (IAEA).

He received his B.Sc. in Electrical Engineering from the University of Alexandria 1968, his M.Sc. from Ain-Shams University 1977. Prof. Elgamal holds a D.Sc. in Computer Science from The George Washington University 1985, and a recipient of Richard Merwin Award 1984. He is a board member of the Center of Special studies and Programs (CSSP) and the Center of Science and Planetarium, Bibliotheca Alexandrina. Dr. Elgamal is an active member of the Civil Society of Alexandria as a Chairman of The Society of Friends of Music and Arts, and former president of The Yacht Club of Egypt in Alexandria.

# **A New Dimension to University Education**

## **The Metaversity**

### **Abstract:**

For a generation that has grown up with short-lived social media content. The key to learning is engagement. The metaverse is a short shared virtual environment that people access via internet, creating the sense of virtual presence.

Benefits that metaverse offer to colleges include: making educational resources affordable, enhancing student performance, making virtual interactions more like real ones, enabling experimentation with hard-to-create phenomena, increasing accessibility for remote students, and attracting young demographic.

This fall, 10 American universities got a free ticket for entry, as part of its \$10M Meta Immersive Learning Project. Other universities worldwide have already started their metaversity programs in Hong Kong, Japan, France, Qatar, Brazil, South Korea, China, and Nigeria. Metaversity is also making the dawn of a new eduoconomy.