

The School of Applied
Mathematical and Physical
Sciences

The School of Electrical
and Computer Engineering

Co-host
San Diego State University Professor

Minjuan Wang

also Editor-in-Chief, *IEEE Transactions on Learning
Technologies* and Associate Editor, *Nature-HSSC*
invite you to her lecture on

The Application of Metaverse and AIGC (AI-Generated Content) in Education and Training

Friday
03.11
at 12.00



Amphitheater 4,
GENIKES EDRES
SEMFE



Organised by:
Associate Professor
**Kostas
Theologou**
Head of the Department
of Humanities, Social
Sciences and Law,
School of AMPS

ΧΟΡΗΓΟΣ ΕΠΙΚΟΙΝΩΝΙΑΣ:

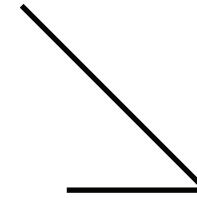


The Application of Metaverse and AIGC (AI-Generated Content) in Education and Training

Metaverse attracted worldwide attention since 2022. The Metaverse is considered the third wave of the Internet revolution, able to support persistent interconnected online 3D virtual environments (3DVE), and promising to bring new levels of social connection and collaboration. How to effectively design and use Metaverse in teaching and learning remains crucial for the development of effective learning experiences.

Meanwhile, Generative AI such as ChatGPT entered the spotlight in 2023 and stirred conversations around the world on its usage and “threats” to education and training. How to effectively use Generative AI in various disciplines remains a popular research topic.

In this presentation, Dr. Wang will first showcase exemplary Metaverse technologies and platforms, then share a new 3D Edu-Metaverse Ecosystem she created with her students. She will then discuss how to integrate Metaverse with AIGC in learning settings. Her presentation will zoom in on the use of AI-enabled tools and platforms for teaching and learning across North America and Asia. In addition, she will also explore the ethical considerations of using AI in different educational settings.



Bio of the Speaker

Dr. Minjuan Wang is Professor and Program Head of Learning Design and Technology (LDT) in the School of Journalism and Media Studies at San Diego State University and Editor-in-Chief of the *IEEE Transactions on Learning Technologies (TLT)*. She is also a new associate Editor with *Nature-HSSC (Humanities and Social Science Communications)*.

Dr. Wang teaches Research Methods, Designing Learning for the Global Audience, and Mobile Learning Solutions Development. Her research specialties are multidisciplinary, focusing on learning across the Metaverse, Cross-Reality (XR) and Immersive Learning, AI in education, and the sociocultural aspects of learning design and the use of technology.

She has been collaborating with scholars worldwide on research and development projects. She is a high-impact author, an internationally recognized scholar, and has keynoted more than 40 international conferences. In addition to serving as the EiC for IEEE-TLT, she co-chairs the Education Society's newly established Technical Committee on Immersive Learning (TC-ILE) and co-organizes several IEEE's flagship conferences including TALE and Intelligent Environments.

