

# Metaverse for Immersive Education

## By Minjuan Wang

(Professor, San Diego State University; The Education University of Hong Kong)

(Editor-in-Chief, IEEE Transactions on Learning Technologies; Associate Editor, Nature-HSSC)

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.

In this presentation, Dr. Wang will showcase exemplary Metaverse technologies and platforms, then share a newly published 3D Edu-Metaverse Ecosystem. She will then discuss pedagogical principles derived from this Ecosystem and the ethical considerations of using Metaverse in different educational settings.