Plenary Speaker 2: Sr. Ts. Dr. Muhammad Azizi Azizan (UniMAP, Malaysia)

Title: An AI-Assisted Robotic LiDAR Framework for Three-Dimensional Heritage Building Documentation

Muhammad Azizi Azizan, Ph.D.,
Senior Lecturer of Universiti Malaysia Perlis (UniMAP), Malaysia.

Education:

Ph. D. in Civil Engineering, Universiti Malaysia Perlis, Malaysia.
MSc. in Int. Constr. Project Management, UiTM, Malaysia
Bach. in Construction Management, UiTM, Malaysia.
Dip. in Building, UiTM, Malaysia

Biography:

Sr. Ts. Dr. Muhammad Azizi bin Azizan is currently a Senior Lecturer at the Faculty of Civil Engineering & Technology, Universiti Malaysia Perlis (UniMAP). He obtained his PhD in Civil Engineering from UniMAP in 2022, following his Master's Degree in Integrated Construction Project Management and Bachelor's Degree in Construction Management from Universiti Teknologi MARA (UiTM). His areas of expertise include Project Management, Heritage Building Conservation and Unmanned Aerial Systems (UAS). He is a Research Fellow at the Centre of Excellence for Unmanned Aerial Systems (COE-UAS), UniMAP, and has contributed to smart automated robotic systems for manufacturing. His research and industrial projects have secured significant funding, including projects on heritage conservation using 3D laser scanning and UAV imaging, automated robotic systems, advanced UAV applications and Advanced Air Mobility. He is registered as an Engineering Technologist with the Board of Engineers Malaysia (BEM) and a Professional Technologist with the Malaysia Board of Technologists (MBOT), registered Professional Surveyor with Royal Institution of Surveyor Malaysia (RISM) and Chartered Building Engineer with CABE UK.