



香港城市大學  
City University of Hong Kong

## Development and implementation of AR-enabled 3D demonstrations in Advanced Physics

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**Principal Investigator:** Dr. Yu CHAI

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**Abstract:**

City University of Hong Kong (CityU) is the only university in Hong Kong that offers veterinary medicine education, which becomes a trademark for CityU. Therefore, providing our veterinary medicine students with comprehensive courses and a vigorous learning experience is crucial. Among all the courses, Advanced Physics for Biologists (PHY 2400) is the last physics course offered to our veterinary medicine students according to the current curriculum. What the students learn and how much they learn from this course establish the physical science foundation for their future study, significantly affecting their career paths. Consequently, it is necessary to keep improving the teaching quality and to promote a better teaching output of PHY2400 for the veterinary medicine students at CityU.