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Prof. Lawrence Yoon Suk Lee received his Ph.D. degree in Physical Chemistry from McGill University, Canada in 2006. After his postdoctoral training, he joined the Department of Applied Biology and Chemical Technology, Hong Kong Polytechnic University in 2013, where he is also serving as the Programme Leader of Master of Science in Sustainable Technology for Carbon Neutrality. His research interests include the development of novel semiconductor nanomaterials and their composites for photocatalytic and electrocatalytic water splitting, CO₂ reduction reaction, and advanced energy storage applications. His research focuses on understanding the activation and deactivation mechanisms of electrocatalysts at operating conditions from an atomic scale, which would guide the design of catalysts and electrode materials for the next-generation energy conversion and storage devices and electrochemical sensors.