香港浸會大學
HONG KONG BAPTIST UNIVERSITY

Hong Kong Baptist University Foundation
香港浸會大學基金

Go Green !
Get and Save Energy with Advanced Materials

Inaugural Lecture by Professor Raymond Wong Wai-yeung
Founding Elizabeth Law Endowed Chair of Advanced Materials

走向綠色！
如何利用先進材料取得及節省能源

羅嘉穗先進材料研究奠基講座教授黃維揚教授就職講座

A major global issue that the world is facing nowadays is the upcoming depletion of fossil fuels and the energy crisis. Scientists are looking for sustainable energy sources to meet our future energy demand at low cost and they also aim to make good use of energy by improving the efficiency of the energy conversion devices. Functional organic molecules hold great promise as versatile advanced materials that can be used in energy interconversions. These include systems where light is transformed into electricity and vice versa. This lecture will highlight the importance of advanced materials in the development of organic optoelectronics.

由於化石燃料快速消耗，全球正面臨重大的能源危機，科學家正努力研發低成本可再生能源來滿足人們對能源的日益需求，並透過改善能源轉換設備的效率來提升能源效益，以達到善用能源的目的。功能有機分子可應用於能源互換裝置，包括光電轉換的應用科技。本講座將重點介紹先進材料於有機光電領域中的重要性及其發展情況。