The Exciting Chemistry in Daily Life

Chemistry is all around us. As a central science that concerns matters and their transformation, chemistry is fundamental to many aspects of our modern world. In this Public Lecture Series, the chemistry that contributes to the understanding of our nature and to advance modern technology for the betterment of mankind will be introduced.

Reveal the Secret of Life by Chemistry
Date: October 31, 2018 (Wed)
Time: 5:30 pm to 6:30 pm
Venue: Lecture Theatre CBA, Chow Yei Ching Building, Main Campus, HKU
Speaker: Professor Xuechen LI, Department of Chemistry, HKU
About the talk:
The genetic information in life flows from DNA to RNA to protein. In this talk, the speaker will discuss how chemistry has contributed to elucidate the genetic flow.

Artificial Active Nanoparticles—Bring Nanorobot to Reality
Date: November 14, 2018 (Wed)
Time: 5:30 pm to 6:30 pm
Venue: Lecture Theatre CBA, Chow Yei Ching Building, Main Campus, HKU
Speaker: Dr Jinyao TANG, Department of Chemistry, HKU
About the talk:
For many decades, scientists envisioned that the artificial machines could be miniaturised into scale comparable to single blood cell which can be revolutionarily turned into many fantastic applications. The speaker will introduce the wonderful real-world nanorobot which can swim and navigate in biological systems.

A Brief Journey into the Chemistry of Colour and Light
Date: November 29, 2018 (Thu)
Time: 5:30 pm to 6:30 pm
Venue: Lecture Theatre KKLG109, K K Leung Building, Main Campus, HKU
Speaker: Dr Ho Yu AU-YEUNG, Department of Chemistry, HKU
About the talk:
From gem stone and firework to green leaf and red blood, our world is full of wonderful colours. The speaker will explore the chemistry behind the colour of substances and phenomena we see in our daily life.