CBC SEMINAR ANNOUNCEMENT

Professor Raymond Wong Wai Yeung
Hong Kong Baptist University

Organometallics for Energy Conversion in Organic Solar Cells and OLEDs

Organometallic molecules have become a field of intense activities in the optoelectronic research. They hold great promise as versatile functional materials for use in energy interconversions. These include systems where light is transformed into electricity and vice versa. This keynote lecture highlights the recent progress in the advances of numerous functional organometallic complexes and polymers with tunable photofunctional and electronic traits. Focus is placed on examining their potential as efficient emitters in light-emitting applications and semiconductors in photovoltaic cells for solar power generation. The strategies based on structural modifications of the organic groups to tune the emission and photovoltaic properties of these materials will be presented and discussed.

References:

Date: 22nd August 2013 (Thursday)
Time: 4:00pm – 5:30pm
Venue: NTU SPMS CBC Building Level 2, Conference Room
Host: Asst Professor Robin Chi