

Frontier in Chemistry

New Era of Coordination Chemistry with Impacts on Energy, Sustainability and Medicines

by

Prof. Chi-Ming Che

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Date : 15 December 2016 (Thursday)

Time : 10:30 a.m.

Venue: RRS 905, Conference Room
Sir Run Run Shaw Building
Ho Sin Hang Campus
Hong Kong Baptist University

All Interested are Welcome

Biographical Sketch of Prof. Chi-Ming Che

Chi-Ming Che received BSc (1978) and PhD (1982) degrees from The University of Hong Kong (HKU). Following research studies at the California Institute of Technology from 1980 to 1983, he joined the faculty of the Department of Chemistry at HKU in 1983 and was promoted in 1992 to a Chair Professor. Since 1999, he has been appointed Dr. Hui Wai-Haan Chair of Chemistry at HKU. He is the director of State Key Laboratory of Synthetic Chemistry in HKU. Prof. Che has made inspiring contributions in virtually all areas of Chemistry. The citation of his 2013 RSC Centenary Prize stated “For his inspiring contributions over an exceptional breadth of chemical sciences, including inorganic photophysics, and therapeutic applications of metal-based compounds.” He pioneered the chemistry of d^8 and d^{10} metal complexes including their excited state chemistry and closed shell metal-metal interactions of d^8 and d^{10} metal ions, and is a leading figure in developing reactive metal-ligand multiple bonded complexes for practical atom and group transfer/insertion reactions and *for selective C-H bond functionalization with practical interest in organic synthesis.*