Sunney and Irene Chan Lecture in Chemical Biology

Sunney I. Chan 80th Birthday Symposium on “Chemical and Biological Approaches for Energy and Sustainability
 Wednesday, October 5, 2016.
Lecture Theatre 6, Yasumoto International Academic Park, CUHK.

AM

9:00 Opening Remarks (Henry Wong, CUHK)

Bioenergetics and Sustainability
(Chair: Michael Chan, CUHK)

9:10 Speaker #1: Gary Brudvig (Yale, USA)
“Water Oxidation for Solar Fuel Production”

10:00 Speaker #2: Douglas Rees (Caltech, USA)
“Ironing Out the Nitrogenase Mechanism”

10:50 Coffee break

Biofuels (Chair: Jacky Ngo, CUHK)

11:10 Speaker #3: Michael Marletta (UC Berkeley, USA)
“Polysaccharide Monoxygenases: Function and Mechanism”

12:00 Speaker #4: James Liao (Academia Sinica, Taiwan)
Metabolic Engineering of Bacteria for C1 Metabolism

12:50 Lunch

PM

Sustainable Chemistry I (Chair: Bruce Lee, CUHK)

2:20 Speaker #5: Robert Grubbs (Caltech, USA)
“Functional Materials with Some Interesting Applications”

3:10 Speaker #6: Istvan Horvath (City U)
“Conversion of Biomass to Energy and Chemicals: Suitable or Green or Sustainable?”

4:00 Coffee break

Sustainable Chemistry II
(Chair: Wing Tak Wong, HK Poly U)

4:15 Speaker #7: Chi Ming Che (HKU)
“Photochemical Oxidation of C-H Bonds”

4:45 Speaker #8: Peter Chen (NCHU, Taiwan)
“The Development of Tricopper Cluster for Efficient Selective Oxidation of Hydrocarbons under Ambient Conditions”

5:15 Speaker #9: Vivian Yam (HKU)
“Versatile Chromophores and Excited States for Efficient Photosensitization and Optoelectronic Functions”

5:45 Closing Remarks (Sunney I Chan)

ONLINE REGISTRATION:

Co-Organized by:
Department of Chemistry
The Chinese University of Hong Kong

School of Life Sciences
The Chinese University of Hong Kong

Faculty of Applied Science & Textiles
The Hong Kong Polytechnic University