

Call for participation in the APA Tutorial on Advances in Photosciences

The APA Tutorial on Advances in Photosciences (APA-TAP) is an initiative of the Asian and Oceanian Photochemistry Association (APA), in collaboration with the local organizers of Asian Photochemistry Conference, to introduce the basic principles and concepts of photochemistry, photophysics and photobiology to the young graduate students and post-doctoral researchers. The 1st APA-TAP will be held on December 16, 2018 in conjunction with the 10th Asian Photochemistry Conference at Taipie, Taiwan during December 16-20, 2018 (<http://apc2018.conf.tw>). The tutorial-style lectures in the APA-TAP will be delivered by world distinguished scientists.

This session of the APA-TAP is fully sponsored by the following two companies:

Hamamatsu Photonics, K. K.

Edinburgh Instruments, Ltd

Date : Dec. 16, 2018, 9:00 AM - 6:30 PM

Program : see attached sheet

Meal : Lunch-meal is included in the registration

Pre-registration: The session is limited to students who make “pre-registration” and are “nominated”.

Scholarship : A limited number of students (max. 20) will receive USD600 sponsored by Hamamatsu Photonics and Edinburgh Instruments to support their registration fee, travel and accommodation expenses. The support will be disbursed at the conference desk. Students who receive these scholarships are named APA-Hamamatsu Photonics Sponsored Scholars or APA-Edinburgh Instruments Sponsored Scholars.

The results of selection will be informed directly to the accepted applicants by the end of October.

Observers : We would like to take this opportunity to reach out to a larger audience, therefore, we welcome additional participants as **Observers** of the APA Tutorial Workshop. Please note that lunch and coffee are not available for these silent participants. The organizer will arrange about 100 free sheets in the lecture hall for **Observers**.

**APC Tutorial on ‘Advances in Photosciences’ (APA-TAP)
December 16, 2018**

9:00-9:10 AM

Inauguration

APA president
Secretary general
Local organizer

Session 1

Chair: K. George Thomas

9:10 AM-9:55 AM:

Tutorial 1: Introduction to Photochemistry and Photophysics

Vivian W.-W. Yam
The University of Hong Kong
Hong Kong

9:55 AM -10:20 AM:

Tea break

10:20 AM-11:05 AM:

Tutorial 2: Recent Developments in Photoinduced Electron Transfer

Mahesh Hariharan
Indian Institute of Science Education and Research Thiruvananthapuram,
India

11:05 AM-12:05 PM:

Tutorial 3: Basic Concepts and Applications of Luminescence Probes in Biology

Kenneth Kam-Wing Lo
City University of Hong Kong
Hong Kong

12:05 PM-12:50 PM:

Self-Introduction of Participants plus Q&A and Discussions

12:50 PM -1:15 PM

Lunch break

Session 2

Chair: Trevor Smith

1:15 PM – 2:00 PM:

Tutorial 4: Ultrafast dynamics in higher electronically excited state of molecules in condensed phase

Hiroshi Miyasaka
Osaka University
Japan

2:00 PM -3:00 PM:

Tutorial 5: Ultrafast Methods Applied to Photoactive Proteins and Molecular Materials

Stephen Meech,
University of East Anglia, Norwich, England

3:00 AM -3:15 PM:

Tea break

Session 3:

Chair: Professor T. Kawai

3:15 PM -4:15 PM:

Tutorial 6:

Presentation from Edinburgh Instruments Ltd

4:15 PM -5:15 PM:

Tutorial 7:

Presentation from Hamamatsu Photonics K. K.

5:15 PM -6:00 PM:

Tutorial 8: Tracking Excited Structure using Femtosecond Stimulated Raman spectroscopy.

Jyotishman Dasgupta
Tata Institute of Fundamental Research, Mumbai, India

6:00 PM -6:30 PM:

Q&A and Discussions and Concluding Remarks