



**THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY**  
**Division of Life Science**

*Seminar Notice*

**“Development of optical imaging methods to go deeper, finer and faster in living brain”**

by

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**Abstract**

Understanding the functional architecture of the brain is one of the most interesting, but also challenging tasks of our times. This challenge is largely due to the extraordinary complicated structures and functional states of the brain, and very limited access to them with our current research techniques. Recently, optical brain imaging methods have emerged as promising approaches for in vivo studies of populations of neurons in the brains with unprecedented resolution and precision, however, there still exist many technical challenges that limit their applications in brain science studies. In this talk, we will introduce several novel optical imaging methods developed in an effort to break these limits and open new windows for brain science researches.

**Date : 25 May 2018 (Friday)**

**Time : 4:00 p.m.**

**Venue : Lecture Theatre D**

**The Hong Kong University of Science & Technology  
Clear Water Bay, Kowloon**

*(Host faculty: Prof. Julie Semmelhack)*

***All are Welcome!!***