



The Chinese University of Hong Kong



## Department of Biomedical Engineering

Time: 4:00pm, 16 May 2023 (Tuesday)

Venue: ERB1118, William M.W. Mong Engineering Building

Seminar Link:

<https://cuhk.zoom.us/j/94279972059?pwd=aVpXU0xGWUZLTHd5dkRGa2x1ZEdJQT09>

Meeting ID: 942 7997 2059      Passcode: 828202

# Traversing the Translational Biospectroscopy Spectrum: From lab to clinic, Asia and beyond



**Mr. Derrick Yong**  
**General Manager and Head of R&D**  
**Endofotonics**

### **Abstract**

Endofotonics leverages the synergistic overlap between established fundamentals of Raman spectroscopy, engineering prowess, and AI, to bring spectroscopy into the clinics. This talk shares with you our journey and challenges thus far and plans ahead.

### **Biography**

Derrick Yong is the General Manager and Head of R&D of Endofotonics, a MedTech start-up from Singapore that focuses on the in vivo diagnosis of early cancers. Derrick obtained his B.Eng and Ph.D in Bioengineering from Nanyang Technological University, Singapore, in 2011 and 2016 respectively. Since 2015, he has been a Scientist at the Agency of Science, Technology and Research (A\*STAR), Singapore. Derrick holds concurrent appointments as an Adjunct Assistance Professor at the National University of Singapore (NUS) and is a Principal Investigator at one of the interdisciplinary research groups at the Singapore-MIT Alliance for Research and Technology (SMART). His latest appointment at Endofotonics is via a secondment programme from A\*STAR since late 2021. Derrick specialises in optical spectroscopy, light-material interactions, and instrumentation for biotech and biomedical applications.

**\*\*\* ALL ARE WELCOME \*\*\***

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