

CFPR Lunchtime Seminar Series 2017

The New Modality and Cost-effective Approach in Functional Brain Imaging - Functional Near-infrared Spectroscopy (fNIRS)

Functional near-infrared spectroscopy (fNIRS) has been used in medical research for the past two decades. In particular, the use of fNIRS in academic and clinical psychiatry and psychology has increased rapidly owing to its advantages over other neuroimaging modalities. fNIRS is a tool that can potentially supplement clinical interviews and mental state examinations to establish a psychiatric diagnosis and monitor treatment progress. This presentation provides a review of the theoretical background of fNIRS, key principles of its applications in clinical psychiatry and other research, introduction to the NUS fNIRS research centre and share a vision of its future applicability in academic research and clinical practice.



by **A/Prof Roger Ho Chun Man**

Associate Professor and Consultant Psychiatrist, Department of Psychological Medicine, NUS Yong Loo Lin School of Medicine
MD (Research), The University of Hong Kong, 2016

Dr Roger Ho completed his medical degree (MBBS) and higher research degree (MD) at University of Hong Kong and did his basic and advanced Psychiatry training at National University of Singapore. He is a member of the Royal College of Psychiatrists (UK) and a fellow of the Royal College of Physicians (Canada) and Academy of Medicine (Singapore). He currently works as Associate Professor and Consultant Psychiatrist at the Department of Psychological Medicine, NUS. He is the Education Director coordinating teaching, resident training and research for undergraduate and postgraduate students.

Chaired by: Prof Catherine Tang, Dept of Psychology, NUS

Date: 17 Nov 2017, Friday | **Time:** 12.00nn - 1.30pm

All are Welcome! Refreshments will be served. Registration is required.

Register at <http://tinyurl.com/ybmv2x2b> by 16 Nov 2017