



**Hong Kong Institution of Physicists in Medicine**  
**香港醫學物理學院**

**Certificate Course on Nuclear Medicine and PET Imaging**

**Course Content**

Preliminary on Atomic and Nuclear Physics, Radioactivity  
Production of Radionuclides and Radiopharmaceuticals  
Radiation detectors  
Scintillation Camera  
SPECT imaging system  
NEMA-based Quality Control for Gamma Camera  
Applications of Radionuclide Scanning  
Applications of Radionuclide Treatment  
PET Imaging system  
Routine PET/CT QC  
Principle and application of PET CT and PET MR  
PET application in Radiotherapy

**Date, Time and Venue:**

**The course will be held on:**

Date	Time
5 September 2020	2:00 pm - 5:00 pm
12 September 2020	2:00 pm - 5:00 pm
19 September 2020	2:00 pm - 5:00 pm
26 September 2020	2:00 pm - 5:00 pm

**Duration of Course:**

12 hours lectures, Q&A and examination

**Venue:**

Conference Room 801, 8/F, Li Shu Fan Block, Hong Kong Sanatorium & Hospital,  
Happy Valley, Hong Kong

**Speaker**

Dr. Sirong CHEN, PhD,  
Medical Physics & Research Department,  
Hong Kong Sanatorium Hospital

**Target Participants:**

Physicists, doctors, radiographers, radiation therapist, biomedical engineers.  
Preference will be given to applicants who are currently working with radiological equipment in hospital environment.

**Assessment:**

A written (MCQ) examination will be held at the end of the course.

**Accreditation:**

12 CPD credits by Hong Kong Institution of Physicists in Medicine

**Course Award:**

A certificate of completion of the course “Nuclear Medicine and PET Imaging” will be issued to a participant who has passed the examination.  
An attendance certificate will be issued to a participant who has failed the examination.

**Teaching Medium**

The course will be conducted in English

**Tuition Fee\*:**

HKD 480

\*A 50% discount will be given to trainees from the hospital that provide venue for training.

**Enrollment:**

This course is open to HKIPM members only.

Completed registration form shall be sent with a cheque for the tuition fee to Mr. Hui Geng, Member of Education Committee of the Hong Kong Institution of Physicist in Medicine. The cheque should be crossed and made payable to "Hong Kong Institution of Physicists in Medicine". Full payment should be made at registration and no refund for withdrawal will be entertained due to any circumstances.

Mr. Hui Geng

Medical Physics & Research Department

8/F, Li Shu Fan Block Hong Kong Sanatorium & Hospital

2 Village Road, Happy Valley

**Closing Date for Application:**

Friday, 28 August 2020