

Professor Dr Kwan-Hoong Ng

PhD, FIPM, MIPEM (UK), ABMP (USA), CSci (UK), FInstP (UK), FIOMP, AM (Mal), FASc.



Prof Ng is a Senior Professor at the Department of Biomedical Imaging, University of Malaya, Kuala Lumpur, Malaysia. He received his M.Sc. (Medical Physics) from University of Aberdeen and Ph.D. (Medical Physics) from University of Malaya (1995).

He is certified by the American Board of Medical Physics (since 1999) and is a Fellow of the Institute of Physics, the International Organization for Medical Physics (IOMP) and the Academy of Sciences Malaysia.

His main research contributions are in breast imaging, radiological protection, radiation dosimetry, medical physics education and risk communication. Prof Ng actively collaborates with international research groups on breast density, artificial neural networks, image processing, radiation dosimetry and radiogenomics.

He has held visiting professorships at: Jinan University, China; Chang Gung University, Taiwan; Chulalongkorn University, Thailand; University of Sydney, Australia; University of Sao Paulo, Brazil. In addition, he serves as an external examiner for Ph.D. theses for several universities.

Prof Ng established the Master of Medical Physics Programme at University of Malaya in 1998. He was responsible for securing the accreditation from the Institute of Physics and Engineering in Medicine (IPEM), UK in 2002; it is the only programme outside the British Isles to receive such an honour.

He has authored and co-authored over 230 papers in peer-reviewed journals, 80 conference proceedings papers, 25 book chapters and has co-edited 6 books. An accomplished speaker, he has presented over 550 scientific papers, more than 300 of them being invited lectures.

He is on the editorial and advisory board of more than 12 journals including: *Singapore Medical Journal*, *Journal of Applied Clinical Medical Physics*, *Journal of Australasian Physical & Engineering Sciences in Medicine*, *Medical Physics*, *Biomedical Physics* and *Engineering Express*.

Prof Ng is also one of the series editors for Taylor & Francis representing IOMP since 2006 and has contributed extensively to IOMP for over two decades. He has also served as a member of several committees: Chairman, International Advisory Board (2003-2006); Chairman, Publication Committee (2003-2006).

In 2016, Prof Ng received the International Day of Medical Physics (IDMP) Award.

He currently serves as expert/consultant to the International Atomic Energy Agency (IAEA) and has been involved with expert missions, conference lectures, drafting and reviewing codes, guidelines, chapters and reports. Several notable contributions include: *Diagnostic Radiology Physics - A*

Handbook for Teachers and Students, Clinical Training of Clinical Medical Physicists Specializing in Diagnostic Radiology, The Fukushima Daiichi Accident and Advanced Medical Physics Learning Environment.

Formerly a member of the International Advisory Committee on EMF of the World Health Organization, he has also served as a consulting expert for the International Commission on Non-ionizing Radiation Protection (ICNIRP).

Prof Ng is the Founding President of the South East Asian Federation of Medical Physics (SEAFOMP) (2000-2006) and has been its Emeritus President since 2014. He initiated the John Cameron Memorial Lecture Series in 2004 as part of the South East Asian Congress of Medical Physics (SEACOMP). In 2014, he founded the ASEAN College of Medical Physics (ACOMP) that conducts education and training workshops for medical physicists in the region. He is the Past President of the Asia-Oceania Federation of Organizations for Medical Physics (AFOMP) (2010-2012).

In 2013, Prof Ng was honoured as one of the top 50 medical physicists in the world by IOMP.

During his leisure time, Prof Ng enjoys listening to music, writing, jogging and participating in charity work.

A full CV is available at <https://umexpert.um.edu.my/ngkh>

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