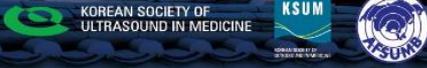


AFSUMB 2024

The 16th Congress of the Asian Federation of
Societies for Ultrasound in Medicine and Biology
in conjunction with KSUM 2024

Shaping the Future with Ultrasound

May 9 (Thu) – 11 (Sat), 2024 | Coex, Seoul, Korea



Speaker: Adrian Lim, United Kingdom (Great Britain / UK)

Affiliation: Imperial College London, Department of Radiology

Lecture Title: Basic Physics of CEUS

This lecture will cover the basic principles of ultrasound physics and also an insight into the use of harmonic signals in detecting microbubbles. The interaction of microbubbles with the ultrasound beam and different ways of visualising and displaying the microbubble signals will also be illustrated with particular relevance paid to low mechanical index modes. The physical properties of microbubbles with respect to the diagnostic, functional and therapeutic capabilities of microbubbles will also be discussed.