



## **Fundamentals of Antennas and Propagation** *Wireless Communication Centre, UTM Skudai, 2nd to 4th July 2012*

### Biodata of Presenters

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**Assoc. Prof. Ir. Dr. Sharul Kamal Abdul Rahim** obtained his first degree

from University of Tennessee, USA majoring in Electrical Engineering, graduating in 1996, MSc in Engineering (Communication Engineering) from Universiti Teknologi Malaysia (UTM) in 2001 and PhD in Wireless Communication System from University of Birmingham, UK in 2007. Currently, Dr. Sharul is an Associate Professor at Wireless Communication Centre, Faculty of Electrical Engineering, UTM Skudai. His research interest is Smart Antenna on Communication System. He is also a member of IEEE Malaysia Section, Member Board of Engineer Malaysia (MBEM), Member of Institute of Engineer Malaysia (MIEM) and Eta Kappa Nu Chapter (International Electrical Engineering Honour Society, University of Tennessee). He has published more than 50 journal papers and technical proceedings on rain attenuations, Smart Antenna system, microwave design and reconfigurable antenna in national and international journals and conferences. He may be contacted at [sharulkamal@fke.utm.my](mailto:sharulkamal@fke.utm.my).



**Dr. Muhammad Ramlee Kamarudin** obtained his first degree from

Universiti Teknologi Malaysia (UTM), Malaysia, with Honours, majoring in electrical and telecommunication engineering, graduating in 2003. He then joined UTM as a tutor at Wireless Communication Centre (WCC), Faculty of Electrical Engineering (FKE), UTM. He was then awarded a scholarship from the government of Malaysia to further study in the United Kingdom where he received the M.Sc in Communication Engineering in 2004 from University of Birmingham, UK and later appointed as a lecturer in UTM in November 2004. He then obtained his Ph.D in 2007 from University of Birmingham, UK



under supervision of Professor Peter Hall. Dr Kamarudin also authored a book chapter in *“Antennas and Propagation for Body-Centric Wireless Communications”* (Hall, P S and Hao, Y, (editors) Artech House, Norwood, MA, USA, 2006, 2<sup>nd</sup> ed. 2012), and has been published more than 30 technical journals including IEEE Transaction on Antenna and Propagation, IEEE Antenna Magazine, Progress in Electromagnetics Research (PIER), Microwave and Optical Technology Letters (MOTL), Electronics Letters and more than 50 technical conference papers on antennas performance and design for wireless applications, on-body communication systems and antenna diversity. He is also a reviewer for IEEE Transaction on Antenna and Propagation Journal, IEEE Antenna and Propagation Magazine, Progress in Electromagnetics Research (PIER) Journal, IET Microwaves, Antenna and Propagation Journal, Electronics Letters, Elekrika Journal (UTM) and conferences which include the Asia Pacific Microwave Conference (APMC), International Symposium on Antenna and Propagation (ISAP) and Asia Modeling Symposium and other international and national conferences. His research interests include antenna design for wireless on-body communications, in-body communications (Implantable antenna), RF and microwave communication systems, and antenna diversity and reconfigurable and also antenna for cognitive radio system. Currently, Dr Kamarudin is a member of IEEE, an Executive Member of Antenna and Propagation (AP/MTT/EMC) Malaysia Chapter, Member of GOLD IEEE Malaysia, Member of Institute of Electrical and Electronics Engineers (MIEEE), Member of the Institution of Engineering and Technology (MIET), Graduate Member of the Institute of Engineers Malaysia (Grad. IEM), Graduate Member of Board of Engineers Malaysia (Grad. BEM), a Senior Lecturer at Wireless Communication Centre (WCC) and is currently supervising a number of PhD, Master and Undergraduate students. He may be contacted at [ramlee@fke.utm.my](mailto:ramlee@fke.utm.my).