



### **IET Travel Report 2023**

Before ending year 2023, I was privileged to participate in the enriching experience of the 21st SCOReD conference, an event of paramount importance organized by the IEEE at the Asia Pacific University of Technology and Innovation (APU) in Kuala Lumpur, Malaysia. Spanning two dynamic days, SCOReD 2023 emerged as a transformative platform for knowledge enrichment, networking, and professional development, leaving an indelible mark on my academic and professional journey. The conference, a beacon for innovation, commenced with a captivating lineup of four keynote speeches delivered by luminaries from both academia and industry. Among these, the presentation that resonated deeply with my research interests was titled "Study and Analysis of Electromagnetic Fields in Railway Environments: Application to Electronic Systems (EMC) and Human Body Effects (EMF)" by Dr. Syarfa Zahariah Sapuan from UTHM. As someone immersed in the intricacies of Electromagnetic theory within sensor applications, this keynote not only provided valuable insights into the nuances of electromagnetic field analysis but also offered clear guidelines for evaluating specific areas, presenting a roadmap that would prove indispensable for future research endeavors. My research focus on determining concrete strength via microwave sensors found resonance during the conference, particularly during the presentation of my work. The unique approach I employed captured the attention and interest of fellow researchers, fostering engaging discussions and inquiries. Presenting amidst a gathering of professionals and experts within the microwave computed-aided engineering community not only bolstered my confidence but significantly elevated my visibility within the field. Participating in SCOReD 2023 extended beyond the dissemination of my research; it marked an opportunity for immersive networking. The conference provided a fertile ground for connecting with leading researchers, industry pioneers, and fellow practitioners from diverse corners of the globe. Engaging with this diverse attendee base not only broadened my perspectives but also kindled the flame of potential collaborations and joint research initiatives. The networking opportunities were not confined to the conference rooms; they extended to informal settings, enriching my experience with personal anecdotes and shared experiences that transcended geographical and professional

boundaries. Reflecting on the success of SCOREd 2023, I am filled with gratitude towards the IET for making this enriching experience possible. The IET Travel Award 2023 served as the catalyst that enabled my attendance at this pivotal conference. Without their support, the logistical challenges would have been daunting, and the exposure and collaboration opportunities for my research might have remained unrealized. Looking forward, the positive momentum gained from SCOREd 2023 fuels my anticipation for future editions of the conference. The prospect of continued collaborations and research opportunities arising from the foundations laid during this conference adds an exciting dimension to my academic and professional journey. The transformative impact of SCOREd 2023 on my career trajectory serves as a testament to the significance of engaging in such flagship events and the ripple effects they can generate in one's professional sphere. In conclusion, SCOREd 2023 stands as a cornerstone in my professional growth, equipping me with not only up-to-date knowledge and insights but also a network of collaborators and mentors that will undoubtedly shape the trajectory of my career. As I carry the experiences and lessons from this conference forward, I am confident that the connections forged and the knowledge gained will continue to reverberate in my academic and professional endeavors, contributing to the broader landscape of microwave computer-aided engineering.

Prepared by Then Yi Lung, PhD, CEng, MIET

