

**Yasir Alfidhl** BEng(Hons.) PhD SMIEEE FHEA FM-BioEM

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Dr Yasir Alfidhl received his BEng(Hons.) and PhD degrees from Queen Mary, University of London (QMUL) in the UK in 2000 and 2005 respectively. In 2005, he began his career as an active researcher in Computational Electromagnetics, High-Power Electromagnetic devices and Bio-Electromagnetics at QMUL.

Since 2009, he commenced his tenure as a lecturer, eventually advancing to the role of a Senior lecturer (Associate Professor) at the School of Electronic Engineering and Computer Science (EECS) at QMUL. Alongside his academic duties, he serves as JP Director of Assessment and Quality, and as SEB Chair.

Dr Alfidhl has spearheaded numerous research projects, covering a broad frequency spectrum from static to THz bands. These projects primarily encompassed Computational Electromagnetics, SAR and SA assessments, Dispersive dielectric materials and measurement, High-Power EM sources, Electroporation devices and the interaction of EM waves with charged particles.

Having authored and co-authored more than 120 peer-reviewed publications, Dr Alfidhl's contributions have generated international recognition. His work lies in the field of RF exposure assessment and RF dosimetry, particularly in the development of numerical and experimental assessments of radiofrequency interactions with the human body. His research in 2016 on the interaction of radiofrequency waves from Smart Meters with the general population was utilised by Public Health England (PHE) in the UK. This pivotal work provided the public with guidance on the safety levels associated with such technology, underscoring the real-world impact of his work.

In 2020, Dr Alfidhl was elected on the board of Directors of the Bioelectromagnetic Society (BEMS), and following the dissolution of the old society, he continued his extensive involvement in the BioEM community by serving as a Local Organising Committee (LOC) member in 2020, 2021, and 2023, and as Co-Chair of the Technical Programme Committee (TPC) of the BioEM conference in 2023.

In addition to his research, Dr Alfidhl has delivered numerous invited talks and lectures, sharing his extensive knowledge in Computational Electromagnetics, the interaction of EM waves with charged particles, and High-power sources, and on the interaction of RF and electromagnetic waves with the human body.