

Biodata: Dr Naim Abdullah (Tony Centeno)

Dr Naim is currently a research fellow in the Materials Department of Imperial College. His current research interests are the modelling and applications of Localised Surface Plasmon Resonance (LSPR) in noble metal nanoparticles, tuneable microwave devices and Zigbee wireless networks on aircraft.

Dr Naim has BEng and PhD degrees from Cardiff University. He was a research assistant in the Electrical Engineering Department of Bradford University between 1992 and 1994 working on RF applications of High Temperature Superconductors. In 1994 he joined Matra Marconi Space (UK) Ltd as a Senior Microwave Design Engineer where he worked on the microwave filters and waveguide components for the SKYNET IV military communications satellite.

In November 1996 he moved to the Electromagnetic Hazards and Protection group of the UK Defence Evaluation Research Agency (DERA), joining as a higher scientific officer and became a senior scientist in 1998. Whilst at DERA he worked on computational techniques for predicting the electromagnetic compatibility of air platforms and EMC measurement techniques.

In September 2000 he became one of the first lecturers at the University of Nottingham in Malaysia. He lectured undergraduate electrical engineers and gave the first timetabled lecture when the university opened. Upon returning to the UK he spent one year as a technical consultant before joining London South Bank University (LSBU) as a senior lecturer (Jan 2005- Feb 2009). At LSBU he undertook research in loss tangent measurements of microwave materials and ferroelectric material and devices, as well as carrying out PhD supervision, undergraduate and postgraduate teaching. From 2008 he was a member of the electrical engineering department management team with responsibility for the final year projects. After a brief spell as the General Manager of the European Society for Precision Engineering and Nanotechnology (euspen) he joined Imperial College in June 2009