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Senior Lecturer

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Research Area: [Physical Layer Group](#) » [Applied Electromagnetics Lab](#)

Areas of Expertise: Antennas, Computational Electromagnetics, Electromagnetic Compatibility, Electromagnetics, Evolutionary Algorithms, Health Effects of Electronic Equipment, RFID, Radio Frequency Engineering

[Publications](#)

Research Interests:

Computational electromagnetics, particularly as applied to radio-frequency and microwave problems; computational and computer-aided tools for Electromagnetic Compatibility (EMC) design; antenna

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design; application of evolutionary and optimisation methods to antenna design and electromagnetics; human exposure to electromagnetic fields; computational acoustics.

## Teaching Interests:

Electromagnetics; computational electromagnetics; numerical techniques; Agile software engineering; object oriented programming using Java; programming for distributed applications; data structures and algorithms.

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