

Department of Electronic Engineering

Dr. John Dawson BSc DPhil CEng MIET MIEEE



Senior Lecturer

Email: john.dawson@york.ac.uk

Tel: +44 (0)1904 32 2356

Fax: +44 (0)1904 32 3224

Research Area: [Communication Technologies Research Group](#) » [Applied electromagnetics and devices](#)

Areas of Expertise: Antennas, Computational Electromagnetics, Electromagnetic Compatibility (EMC), Electromagnetics, Electromagnetic Coupling and Shielding, Reverberation Chambers

Research

Further details of research projects and publications (downloads) can be found on my [York Research Database page](#) and on the [Applied Electromagnetics and devices Web pages](#).

I am currently deputy group leader of the [Communications Technology research group](#).

My research interests include:

- Electromagnetics - computational methods, measurements, interference effects in circuits, statistical electromagnetics electromagnetic compatibility (EMC) intentional electromagnetic interference (IEMI)
- Shielding and electromagnetic properties of materials and structures
- Communications - propagation in vehicles, buildings and other structures
- Optimisation for engineering problems.

I review for a number of Electromagnetics journals including IEEE Transaction on Electromagnetic Compatibility, and Microwave Theory and Techniques.

I am a member of the technical program committee for the [EMC Europe conference series](#).

I am a member of [Centre for Energy Efficient Materials](#).

Department of Electronic Engineering
University of York, Heslington, York, YO10 5DD, UK
Tel: +44 (0)1904 32 2320 | Fax: +44 (0)1904 32 2335
Twitter: [@UoYElecEng](#)