

# Professor Neil M. White

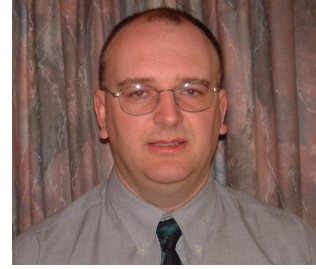
**BSc, PhD, CEng, CPhys, FIET, FInstP, SMIEEE**

Head of Electronics and Computer Science

Professor of Intelligent Sensor Systems

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## Biography

Professor White obtained a PhD from the University of Southampton in 1988 for a thesis describing the piezoresistive effect in thick-film resistors. A paper based on this work was awarded the 1989 Educational Prize from the International Society for Hybrid Microelectronics (ISHM). Neil was appointed as a Lecturer within the School in 1990 and promoted to Senior Lecturer in 1999, Reader in 2000 and was awarded a personal Chair in 2002.

Professor White is co-author of the book *Intelligent Sensor Systems*, which was first published by the Institute of Physics Publishing in 1994. He is also co-author of the books *MEMS: Mechanical Sensors and Energy Harvesting for Autonomous Systems*, both published by Artech House.

Professor White is a Chartered Engineer, Fellow of the IET, Senior Member of the IEEE, Fellow of the IoP and a Chartered Physicist. He was Chairman of the Instrument Science and Technology (ISAT) group of the IoP from 1997 to 1999. He is a member of the Peer Review College for the EPSRC and is on the Editorial Board of the international journals *Sensor Review* and *Journal of Materials Science: Materials in Electronics*. Professor White is also a Series Editor for the *Integrated Microsystems* series for Artech House. He has published over 200 scientific papers in the area of sensors and instrumentation systems and holds 10 patents. He is a former Director and co-founder of the University spin-out company *Perpetuum Ltd.*, which specialises in vibration energy harvesting. He was the recipient of the 2009 Callendar Silver Medal, awarded by the Institute of Measurement and Control for his 'outstanding contribution to the art of instruments and measurement'.

## Research interests

- Smart sensors
- Thick-film sensors
- Energy harvesting
- Wireless sensors
- Functional materials for sensors and actuators
- MEMS