



Dr. Peter Lawson

Assistant Professor

Ph.D., 1993, Physics

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Assistant Professor

Academic Support Department

PhD, thesis entitled "An Experimental Study of Magnetic Periodic Filters".

MSc, Study entitled "Lasers and their applications".

BSc, Applied Physics BSc (Hons)

PGCE, Secondary Science teaching course.

Teaching Areas/Interests

- Physics
- Maths

Research Interests

- Physics
- Synchrotrons
- Magnetic materials
- Lasers and light

Professional Activities, Memberships, and Industrial Certifications

- MInstP Member of the institute of Physics
- QTS Qualified teacher status

Courses Taught

- Physics 1
- Physics 2
- Precalculus

Recent Publications

1. P. K. Lawson, M. J. Cooper, D. N. Timms, F. Itoh and H Sakurai. Magnetic Compton scattering study of spin moments in UFe₂. Phys. Rev B Vol. 56, No. 6 (1997)
2. P. K. Lawson, D. N. Timms, M. A. G. Dixon, M. J. Cooper, J. E. McCarthy, K. Hamalainen, S. Manninen, T. Tschentscher. The spin dependent momentum density of hcp cobalt, J xray science and Technology 6, (1996)
3. P. K. Lawson, J. E. McCarthy, M. J. Cooper, E. Zukowski, D. N. Timms, F. Itoh, H. Sakurai, Y. Tanaka, H. Kawata & M. Ito. Temperature Dependence of the Magnetic Compton Profile of Ferrimagnetic DyFe₂ and ErFe₂, J. Phys. Condens. Matter, 7, 389400. (1995).
4. P. Lawson and R. Gerber, Viscosity effects in multiwire H.G.M.S., IEEE Trans Magn. MAG26 (1990) 1861