

Prof Colin Windsor, BA, DPhil, FInstP, FBInstNDT, FRS

CV for Tokamak Solutions: January 2013



Home-page website: <http://www.colin.windsor.talktalk.net>

[Who's Who entry \(1995\)](#)

[Wikipedia entry \(2012\)](#)

A [Personal Profile](#) was written for the British NDT Journal INSIGHT by Lucinda Kowel

A full account of my life in science is in my [Science Story](#)

Qualifications:

1995 [Fellow of the Royal Society](#)

1994 Fellow of the British Institute of Non-Destructive Testing

1990 Honorary Professor of Physics at Birmingham University

1986 Awarded the [IoP Duddell](#) medal for developments in instrumentation

1975 Fellow of the Institute of Physics

1963 DPhil, Magnetic Properties of Coupled Systems, Clarendon, Oxford

1960 BA Hons, Class I Physics, Oxford

Relevant experience:

2008- [Irradiated ferritic alloys with optimal stress, toughness and activation](#)

2005 [Disruption prediction for JET and ASDEX](#)

1998- Consultant to UKAEA Fusion

1998 [Fusion review for Contemporary Physics with Tom Todd](#)

1998 Retired full time UKAEA employment (Aged 60)

1998-9 PenOp Senior Consultant, PenOp, 57, Vallis Road, Frome, BA11 3EG

1997- Accredited Meetings Facilitator for the UKAEA

1996-8 Programme Area Manager (Special Studies) UKAEA Fusion (£250K/year)

1996-8 Manager of JET A14 Work package on [neutron diagnostics](#): (£385K/year)

1996-8 UKAEA member of the Task Group for System Integrity (TAGSI) risk analysis group

1996 Organiser: Artificial Intelligence and Neural Networks in NDT, Northampton

1995 [On-line control of COMPASS-D tokamak](#)

1991 Patent on Dynamic Signature Verification (GB 91 19139.5) with C M Bishop

1990 [Patent on Spectrum Matching](#) with A Chadwick (GB2 225 139A)

1989-90 SERC Neutron Review Panel

1989-91 Chairman: Pattern Recognition Group, ESPRIT II, ANNIE Project

1989 Organiser and guest editor: [Neutron Diffraction Techniques for NDE](#), Warwick

1986-1998 Chairman: Harwell Criticality Committee

1982 Co-organiser with John White of the Royal Society Neutron Historical Exhibition

1981 Book: [Pulsed Neutron Scattering](#) published by Taylor and Francis

1980-88 Secretary of the IoP Solid State Physics Subcommittee

1980 Visiting Fellow of the Japanese Society for the Promotion of Science

1978-89 SERC Science Panel and Spallation Planning Group

1978-81 ILL Instrumentation Subcommittee, Chairman: Dachs

1977 Organiser IoP [Hot Neutron Scattering meeting](#), Oxford

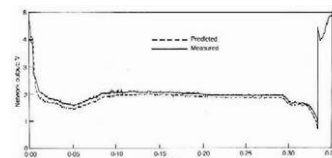
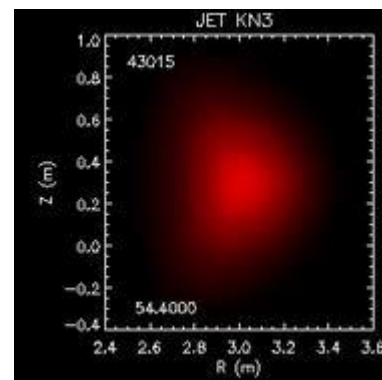
1975-76 SERC Linac Review Group, Chairman: Brian Fender

1975-83 IoP Neutron Scattering Group, Chairman: Terry Willis

1972-1998 Group Leader in Neutron Physics: later Pulsed Neutron Group: later Senior Scientist

1964-1998 Neutron scattering experimental scientist at Harwell

1838 Born at Beckenham, Kent



[Publications](#) 167 refereed published papers

[Skills:](#) Research, patents, programming, Management

