

Curriculum Vitae

Personal Information

Name: Dr Sue Forder

Date of Birth: 25/09/55

Academic Position: Principal Lecturer

Institution: Materials and Engineering Research Institute
Sheffield Hallam University, U.K.



Academic Qualifications

1977 BSc (Hons) in Physics and Materials Science

1981 Postgraduate Certificate of Education

1983 Doctor of Philosophy

Academic Employment

1981 - 1989 Teacher of Physics

1989 – 2004 Senior Lecturer in Physics, Sheffield Hallam University, U.K.

2004 – 2012 Principal Lecturer in Physics, Sheffield Hallam University, U.K.

Statement of Research

As a research student she used Sn-119 Mössbauer spectroscopy to study environment of tin in semiconductor glazes.

As an academic teaching member of staff she has used Fe-57 Mössbauer spectroscopy for more than 20 years at Sheffield Hallam University, both transmission and CEMS.

Investigations are driven by industrial links, consultancy, research collaborations with other universities and also undergraduate and postgraduate projects.

These studies have included aluminium alloys, ceramic coated steels, tin-plated steel, meteorites, geological samples, zeolites, glasses and ceramics to immobilise waste.

She has over 40 publications and is a committee member of the Royal Society of Chemistry Mössbauer Spectroscopy Group. She is currently one of two UK IBAME members.