



FELLOWS

**ROGER
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UK



Roger Morrell is Consultant, Emeritus NPL Fellow at the National Physical Laboratory (NPL) in Teddington, Middlesex, TW11 0LW, UK

He studied physics at the University of Bristol (1964-7), gaining a first, and then studied for a PhD jointly with Berkeley Nuclear Laboratories (1967-70) on high-temperature creep testing.

In 1971 he joined NPL as a Scientific Officer working on the industrial exploitation of glass-ceramics, and by 1987 had been made Group Leader of the Ceramics and Hard Materials theme. He became an NPL Fellow in 1996, and formally retired in 2006, but is retained as a consultant to the present. In 1987 he spent six weeks at the Max-Planck-Institut in Stuttgart. In 2007-9 he was made a visiting professor at the Institut für Struktur- und Funktionskeramik at the Montanuniversität, Leoben, Austria.

He has published more than 160 papers, authored or co-authored four books, three patents, eight NPL Good Practice Guides, more than 30 standards in CEN and ISO and IEC, and numerous open NPL reports, including VAMAS activities.

He has been active in various fields, including monolithic and powder route glass-ceramics, ceramic test method development, ceramic data assessment and compilation, thermal expansion and elastic modulus measurement, mechanical testing, fractography, ceramic orthopaedic component testing, component design and performance assessment, and ceramic investment casting moulds and cores. Much of this expertise has been gained through EU contracts and commercial work, upon which his career has focused.

As an active member of the British Ceramic Society he was made a Fellow of the Institute of Ceramics in 1985 when the organisations merged, and of the Institute of Materials when the second merger occurred in 1993. He was awarded the Verulam Medal by the Institute in 2004.

Member of the organising committee of the Brighton ECerS conference; regular referee for the journal.