

Personal details

Residency: I have resided in the village of Fordham, together with my wife and family, since 2015 and we have no other home.

We are on the electoral roll as electors for: the East Cambridgeshire District Council, Cambridgeshire County Council, and the Parliamentary constituency of South-East Cambridgeshire.

Professional:

I am a physicist and engineer, retired since 2018 from the position of Scientific Advisor to a major international company in the oilfield services sector. I graduated from Cambridge in 1977 with a double First in Natural Sciences. My core specialisms are in (i) engineering fluid dynamics, e.g. to liquid-metal cooled nuclear reactors, to multi-phase (oil-water-gas) flows in oil and gas wells and pipelines, and to creeping flow of water and hydrocarbons in sedimentary rocks, and (ii) applications of Nuclear Magnetic Resonance (NMR) to petroleum-bearing sedimentary rocks.

I served in various roles in the company in the UK and USA and assisted in the establishment of a new Research Centre in Saudi Arabia. Earlier in my career, I worked (1978) on fault scenarios in Liquid-Metal cooled Fast Breeder (nuclear) Reactors (LMFBR), for the then HM Inspectorate of Nuclear Installations, via a fluids engineering consultancy company. My doctoral thesis (1984) was on wind energy, working with the late Prof Sir Martin Ryle FRS (Astronomer Royal, Nobel Prize for Physics 1974). I joined the oilfield sector as a Research Scientist in 1985.

My technical career has spanned all classes of energy technologies from renewables to nuclear energy, with 33 years in the oil and gas sector. My publications include 80 scientific and technical papers and over a dozen issued Patents. I am a Chartered Physicist, qualified as a Chartered Engineer (of the Institute of Physics) in 1994 and was elected a Fellow of the Institute of Physics (FInstP) in 2000. I remain a registered European Engineer (EurIng). Throughout my professional life, compliance with health and safety regulations of significant technical content has been routine. These include regulations such as the Control of Substances Hazardous to Health (COSHH) regulations, the Pressure Equipment Directive (PED) and related regulations in foreign jurisdictions, and the regular preparation of Hazard Analysis and Risk Control (HARC) assessments. A full CV is available.

Political activity:

I was an Independent Parliamentary candidate for South-East Cambridgeshire in the General Election of December 2019. I believe that I was the sole candidate in either of the affected Parliamentary constituencies (S-E Cambs or West Suffolk) to take a clear policy stand against the Sunnica scheme and made it a feature of my campaign platform. I have been recently nominated by the “Reform UK” party as Constituency Spokesman for the constituency of West Suffolk.