



FELLOWS

IAN REANEY UK



Prof. Reaney obtained his PhD from the University of Manchester in 1989 and worked as post-doctoral researcher at the University of Essex before joining the Laboratoire de Ceramique, Ecole Polytechnique Federale de Lausanne in Switzerland in 1991. He joined the Department of Materials Science and Engineering, Faculty of Engineering, University of Sheffield in 1994, initially as a PDRA, then as a Lecturer from 1995 before becoming Professor of Ceramics in 2007 followed by being awarded the endowed 'Dyson Chair in Ceramics' in 2017.

He is European Site Director for National Science Foundation Centre for Dielectrics and Piezoelectrics led by Pennsylvania State University. Ian has been an Adjunct Professor at Pennsylvania State University, USA and University of Aveiro, Portugal. He is a Fellow of the Royal Microscopical Society and Institute of Mining Minerals and Materials.

Ian is the director for the £2.3m Transforming Foundation Industries Network Plus with the aim of securing a sustainable future for heavy industries in the UK. Ian has been awarded over £50M in career income for engineering research, over £3M of which has been industrially related. He has been Principal or Co-Investigator >30 EPSRC awards. He has supervised to completion over 60 PhD & MSc students.

His publications, over 400 scientific papers receive >2700 per year with >24000 citations in total. His career H-index = 82 (Google Scholar). His research leadership in a wide range of ceramic disciplines has been recognized by >80 Invited/Plenary talks at International Conferences on topics such as Net-zero technology for ceramic manufacture, cold-sintering, MW ceramics, bioceramics, relaxor-ferroelectrics, capacitors and piezoelectrics.

He was awarded the Verulam Medal for Ceramics by the Institute of Materials, Minerals and Mining in 2017 and recently won the Institute of Electrical Electronic Engineers, Robert E Newnham award in 2021. He is a member of the World Academy of Ceramics. In 2009 he won 'best Knowledge Transfer Partnership based on EPSRC funded research', 2008 and was awarded the Edward C. Henry prize for best paper in the J. American Ceramics Society (Electronic Division) 2001.