

Luc Vandeperre received both his Masters of Engineering (1993) and Ph.D in Materials Science (1998) from the Catholic University of Leuven in Belgium. Since then he has worked as a post-doctoral researcher in Cambridge and as a staff member in commercial research (Vito, Belgium). He joined Imperial College in November 2006 and is now Professor of Structural Ceramics. He has long experience in processing as well as in measuring and understanding the mechanical properties of ceramics and cements. As a member of the Centre for Advanced Structural Ceramics (CASC), he currently works on a range of ceramic as well as cement related projects spanning processing hard ceramics for armour, tailoring materials and shapes for micro-turbine applications, thermal shock of and conversion of cements into refractories, ultra high temperature ceramics for aerospace, re-use of ashes from industrial processes and cements for nuclear waste encapsulation. He is a fellow of the Institute of Materials, Minerals and Mining and of the UK higher education academy and a member of the American Ceramic Society for whom he co-organises the annual symposium on ultra high temperature ceramics.