



Name:	Mike Sumption
Affiliation:	Materials Science Department, The Ohio State University
Position:	Professor, Department of Materials Science and Engineering
Previous Positions:	(i) Adj. Prof. MSE, Ohio State (ii) Research Scientist Battelle Memorial Institute
Education:	Ohio University (PhD , Physics 1992)
Research Interests/Areas of Expertise:	Materials science and application of superconductors, with particular interests in (i) MgB ₂ materials and strands (doping, phase formation, critical currents) (ii) Nb ₃ Sn (critical currents, stability, magnetization) (iii) AC Loss in superconducting tapes and wires (YBCO coated conductors, MgB ₂ , and Nb ₃ Sn) (iv) oxipnictides, (v) flux pinning in YBCO (vi) Nb ₃ Al (phase diagram, conductor) (vii) Nb deformation and surface studies for SRF (viii) AC loss, current sharing, stability in cables (YBCO, Nb ₃ Sn, MgB ₂) (ix) Coil modelling and testing.
Publications:	More than 285 articles, <i>h</i> factor 21 (98 articles in <i>IEEE Trans. on Magn.</i> or <i>IEEE Trans. Appl. Supercond.</i> Since 1991)
Approximate Number of Years in Applied Superconductivity:	24 years since first publication
Membership in Professional Societies:	American Physical Society Materials Research Society
Awards:	Lumley Research Award, 2007, 2014, best student paper from the ICMC Conference in 1993
Service to Related Conferences:	Program Chairman for the 2011 International Cryogenic Materials Conference, conference chair 2015 Applied Superconductivity conference 2002, 2004, 2006, 2008, 2010 Program Committee and/or technical editor