Name:	**Mark Ainslie**
Affiliation:	Department of Engineering, King's College London
Position:	Lecturer in Engineering Head of the Superconducting Technology + Cryogenics Research Group
Previous Positions:	Engineering & Physical Sciences Research Council (EPSRC) Early Career Fellow, University of Cambridge Royal Academy of Engineering Research Fellow, University of Cambridge
Education	Ph.D., University of Cambridge, 2012 M.Eng., University of Tokyo, 2008 B.Eng. (EE) & B.A. (Japanese), University of Adelaide, 2004
Research Interests/Areas of Expertise:	Numerical modelling of superconducting materials & devices; Bulk superconducting magnets for medicine & industry; Superconducting rotating machines for electric transportation
Publications:	145 scientific papers, 1 book, 3 book chapters A full list is available here.
Approximate Number of Years in Applied Superconductivity:	18
Membership in Professional Societies:	SMIEEE, MIEEJ, MIET, MInstP, European Society for Applied Superconductivity, British Cryogenics Council, FHEA
Previous ASC Service:	Materials Program Committee ASC 2022, 2024 Lead Editor ASC 2018, 2020, 2022, 2024 Technical Editor ASC 2016
Service to Related Conferences:	Publication Chair EUCAS 2025 Materials Program Committee Chair EUCAS 2025 Material Program Committee, Technical Editor EUCAS 2021 Sponsorship & Exhibition Chair, Publication Editorial Board, Large Scale Program Committee EUCAS 2019 Lead Editor MT28 Technical Editor MT25, MT26

Honors and Awards:

2021 Brian Pippard Award, Institute of Physics Superconductivity Group
2021 ICMC Cryogenic Materials Award for Excellence
2020 Superconductor Science and Technology Jan Evetts Award, 1st Prize (Numerical simulation of flux avalanches in type-II superconducting thin films under transient AC magnetic fields)
2017 Superconductor Science and Technology 30th Anniversary Collection, Most Cited Paper 2015 (Modelling of bulk superconductor magnetization)
2016 Guinness World Record, Strongest magnetic field trapped in a superconductor
2011 European Society for Applied Superconductivity Young Researcher's Award (Large Scale)
2008 Institute of Electrical Engineers Japan Outstanding Research Presentation Award