



Name: Min Zhang

Affiliation: Applied Superconductivity Laboratory, University of Strathclyde, UK

Position: Reader/Associated Professor

Previous Positions: Lecturer, University of Bath, UK
Junior Research Fellow, Newnham College, University of Cambridge, UK

Education: Ph.D. University of Cambridge, 2013

Research Interests/Areas of Expertise: I am working on large-scale HTS applications, including HTS modelling, AC losses, HTS magnets and HTS machines. Personal contributions to the HTS community include the first 3D HTS modelling in H formulation, the modelling methodology to determine the critical current of HTS coils, as well as the new 2D/3D HTS modelling in T-A formulation. The resulted modelling tools have been widely used in the HTS community. More recently, I am working on cryogenic propulsion technology for future electrical aircraft, as well as novel high-field HTS magnets.

Publications: More than 100 journal publications

Approximate Number of Years in Applied Superconductivity: 10 years

Membership in Professional Societies: IEEE, IOP

Previous ASC Service: Lead Editor: ASC 2020
Technical Editor: ASC 2018

Service to Related Conferences: Technical Editor: EUCAS 2019, MT 2019, MT 2017
Program committee: 7th International Workshop on Numerical Modelling of High Temperature Superconductors
Local organizing committee: EUCAS 2019
Board member of the International HTS modelling workgroup

Honors and Awards:
2019 The Jan Evetts SUST Award 2nd prize
2019 Superconductor Science and Technology Reviewer Awards
2017 The Jan Evetts SUST Award 3rd prize
2017 Superconductor Science and Technology Reviewer Awards