



Name: Tengming Shen

Affiliation: Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA

Position: 2015-now Staff Physicist Scientist, Berkeley Center for Magnet Technology, Accelerator Technology and Applied Physics Division, LBNL

Previous Positions: 2014-2015 Scientist I, Fermilab, Batavia, IL
2010-2014 Peoples Fellow (Associate Scientist), Fermilab
2013-2015 Adjunct Professor in Materials Science and Engineering, North Carolina State University

Education: Ph.D. Florida State University, electrical engineering, 2010

Research Interests/Areas of Expertise: Processing and characterization of superconducting wires and tapes. Design, fabrication and test of superconducting magnets. Broad background in electrical engineering and materials analysis techniques

Publications: 40 peer-reviewed journal papers (for example, IEEE Trans. Appl. Supercond., Supercond. Sci. and Technol., Appl. Phys. Lett., J. Appl. Phys., Sci. Rep., Cryogenics, Physica C), one book chapter, one U.S. patent. Google Scholar metrics (16-Oct-20): 1025 Citations; h-index: 17; i10-index: 26.

Approximate Number of Years in Applied Superconductivity: 17

Membership in Professional Societies: IEEE senior member, American Institute of Physics, Cryogenic Society of America

Previous ASC Service: Program Committee, ASC 2012 and 2020
Session Chair, technical editor and reviewer since ASC2010
Short course lecturer, ASC2016 and ASC2020

Service to Related Conferences: Materials Program Chair, ASC 2022, Hawaii, USA. Short course lecturer, CEC/ICMC2019. Session organizer, session chair, technical editor, reviewer for international conferences on magnet technology and CEC/ICMC since 2010. Program committee member for LTHFSW since 2016.

Honors and Awards:
2020 Roger W. Boom Award, Cryogenic Society of America, Inc.
2017 Cryogenic Materials Award for Excellence, 2017 International Conference on Cryogenic Materials
2012 Early Career Award, U.S. Department of Energy, Office of Science