



Name: Yanwei, MA

Affiliation: Institute of Electrical Engineering, Chinese Academy of Sciences

Position: Professor, Group leader

Previous Positions: Researcher, National Institute for Materials Science (NIMS), Tsukuba, Japan
Research Associate/Researcher, IMR, Tohoku University, Sendai, Japan

Education: Ph.D. Tsinghua University, 1996

Research Interests/Areas of Expertise: He has developed novel methods for the fabrication of MgB₂ and Fe-based superconducting wires and tapes. These studies represent significant breakthrough work in the development of MgB₂ and Fe-based superconductors for magnet applications.

Publications: More than 300 SCI papers with >8500 citations, >60 patents, and 62 invited talks at international meetings.

Approximate Number of Years in Applied Superconductivity: 28

Membership in Professional Societies: IEEE senior member, MRS of China, Chinese Society for Metals, China Electrotechnical Society

Previous ASC Service: Materials Program Committee ASC 2006, 2008, 2010, 2014, 2016
Session Chair ASC 2010, 2012, 2014, 2018

Service to Related Conferences: Program Committee (Materials), EUCAS 2009, 2013, 2017, 2019
Board member of International Cryogenic Materials Conference (ICMC) (2015-present)
Program Committee, M²S-2018
Associate Editor for Superconductivity News Forum (SNF), CSC & ESAS (2013-present)
International Advisory Board, ICSM, 2014, 2016, 2018, 2020.
Symposium organizer for Symposium B-4 in IUMRS-ICEM-2012, Yokohama, Sept. 23-28, 2012.
Member of Advisory Board of Physica C (2012-present)
Editorial Board for Scientific Reports, Springer Nature (2015 - present)

Honors and Awards: 2019, The 2019 European Society for Applied Superconductivity (ESAS) Award for Excellence in Applied Superconductivity for outstanding contributions to the development of Fe-based wires.