



Name: Ying Xin

Affiliation: Tianjin University, China

Position: Professor, School of Electrical Engineering and Automation; Director, Research Center for Applied Superconductivity

Previous Positions: General Manager, Innopower Superconductor Cable Co., Ltd., China (2001-2013)
Senior Researcher and Lead Scientist, Midwest Superconductivity Inc., USA (1991-1999)

Education: B.S., Tianjin University, China, 1983; Ph.D., University of Arkansas, USA, 1991

Research Interests/Areas of Expertise: Power applications of superconductivity, HTS cable, FCL, and SMES HTS materials (bulk, 1G and 2G wire) and applications (magnetic shield, current leads, and TEP chips)

Publications: More than 100 scientific papers in the field of superconductivity; A book titled *Superconducting Power Cable* (in Chinese)

Approximate Number of Years in Applied Superconductivity: 27

Membership in Professional Societies: Member of IEEE, Member of CIGRE D1 WG38, Member of IEC TC90 WG5 and WG13
Member of several Chinese national scientific and technological committees

Awards: First prize of China Electric Power Science and Technology Award (2007)
First prize of China National Energy Advancement Award (2011)

Previous ASC Service: Program committee of ASC 2004, Reviewer, and Session Chairs

Service to Related Conferences: Program committee of EUCAS 2011
Co-chair of IEEE ASEMD 2009, 2011, and 2013
Technical editor for IEEE TAS ASEMD 2013 special issue

Other: Ying Xin did intensive work on new material synthesis and characterization, HTS bulk, 1G, and 2G wires from 1987 to 1999. He was the team leader of a 35kV/121MVA HTS cable, a 35kV/90MVA FCL, and a 220kV/300MVA FCL projects at Innopower during 2001-2012. He is the inventor of more than 30 patents in the fields of HTS materials and applied superconductivity.