

Prof. Liye Xiao



Prof. Liye Xiao is Director of the Applied Superconductivity Laboratory and also Director of Institute of Electrical Engineering (IEE), Chinese Academy of Sciences (CAS) which he joined in 1998.

His field of activity includes the R&D for HTS in power technology. In the last 5 years, all of the HTS power cable, fault current limiter, SMES, power transformer (in 10 kV) have been successfully developed and demonstrated in live distribution systems, and a 10kV superconducting power substation had been built and demonstrated since Feb. 2011. Also a 380m/10kA DC power cable has been developed.

From September 1997 until April 1998 he was visiting scientist at Tsukuba Magnet Laboratory, National Research Institute for Metals, Tsukuba. The main research work he carried out was the quench protection of the HTS coils for the 1GHz NMR spectroscopy.

From October 1995 to September 1997 Liye Xiao was Postdoctoral Research Associate at the National High Magnetic Field Laboratory in Tallahassee, Florida. His research works included the stability analysis of HTS magnets and the mechanical tests on the commercial HTS tapes.

From September 1990 until September 1995 he was a ME student and Ph.D. candidate at the Institute of Electrical Engineering, Chinese Academy of Sciences (CAS), Beijing. He specialized on the design, stability analysis, protection and development on HTS magnets.

