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毕延芳

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Yanfang Bi, Male, born in 1943, research professor, is head of Cryogenics Division, Institute of Plasma Physics, Chinese Academy of Sciences. The major field covers engineering and technology for large-scale cryogenic system, technology for big-size superconducting magnets and electrical power application of high critical temperature superconductors. Recently he takes in charges of 2kW/-4K cryogenic system for HT-7U SC tokamak, R & D for terminations of 35kV/2kA HTS cable and 16 kA HTS current leads for HT-7U tokamak.

Graduated from Graduate School of Shanghai Jiao-Tong University in 1968, and awarded master degree in superconducting electrical engineering at Graduate School of Chinese Academy of Sciences, ever since he worked on superconducting magnet technology and cryogenic systems for 20T hybrid magnets and for HT-7 Tokamak. As a visiting scholar he joined magnetic harmonic measurements for the proton ring magnets of HERA project at DESY, Germany for 2.5 years. He also worked at National Institute for Fusion Research, Japan for a short period. In past years he was two times awarded the First Degree of Science and Technology Progress Prize by Chinese Academy of Sciences.

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个人介绍

毕延芳, 男、1943年生, 研究员、博士生导师。等离子体所低温工程和超导应用技术学科带头人。主要从事大型液氦低温工程技术、大型超导磁体技术和高温超导电力应用技术研究。目前承担的课题有: HT-7U大型超导Tokamak装置的2kW/4K低温系统建设, 35kV/2kA高温超导电力电缆终端研发和16kA高温超导电流引线研发。

1968年上海交大研究生毕业, 1982年在中科院研究生院获超导工程专业硕士学位, 长期从事超导和低温技术研究。先后在德国汉堡加速器中心(DESY)参加质子环超导磁体工作2年半, 对日本国立聚变科学研究所(NIFS)作短期工作访问。曾荣获中科院科技进步一等奖2次。已培养博士研究生1名、硕士研究生4名。

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