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## 石跃江

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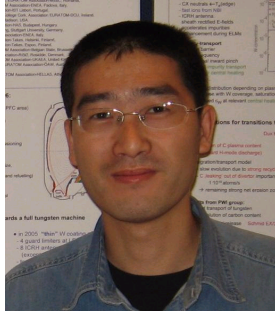


【小 中 大】

【关闭】



## 导师介绍



Yuejiang Shi (SHI Yuejiang), Male, born in 1975, Ph.D, research professor. Main interests are tokamak plasma physics and high temperature plasma diagnostics. He has developed the hard x-ray diagnostic, soft x-ray PHA diagnostic and relevant calculation code for the HT-7 tokamak. Dr. Shi is the leader of spectroscopy group which includes the optical multi-channel analyzer (OMA) diagnostic, active beam spectrum diagnostic, and X-ray imaging crystal spectrometer on HT-7 and EAST. The research currently emphasis focus on the experimental study of LHCD physics, the thermal, momentum and impurity transport of plasma.

Dr. Shi graduated from Lanzhou University in 1997, he studied and received his Ph.D. degree at the Graduate School of ASIPP in 2002. Dr. Shi worked at Max-Planck-Institute for Plasma Physics as visiting scholar from 2003 to 2005. Students who have the physical bachelorship and interest in the experimental physics of controlled fusion are welcomed.

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## 个人介绍

石跃江, 男, 1975年生, 新疆石河子人, 博士, 研究员, 博士生导师。兰州大学核物理专业毕业(1997年), 2002年于中国科学院等离子体物理研究所获博士学位。德国马普等离子体物理研究所访问学者(2003~2005)。

专长托卡马克等离子体物理实验和高温等离子体诊断研究。

为HT-7研制发展了硬X射线诊断和软X射线能谱诊断和相关的计算程序, 重点研究了HT-7低杂波电流驱动改善等离子体约束和优化电流分布的实验探索。目前负责13室光谱诊断组, 为HT-7和EAST主装置及NBI系统发展研制从可见光到软X射线的分光光谱诊断, 基于这些诊断在EAST和HT-7上开展相关的动量输运, 杂质输运和热输运等方面实验物理研究。作为项目负责人承担两项中科院重大装备项目和两项国家自然科学基金。与多个国外聚变研究所学术和项目合作。招收物理类专业和对聚变实验物理感兴趣的学生。

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