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陈一平

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YiPing Chen, male, born in Huaining, Anhui, Ph.D, Associate Professor. He obtained his M.S. of the specialized subject of plasma physics and controlled fusion engineering in 1987 at the Institute of Plasma Physics, Chinese Academy of Sciences. Later he obtained his Ph.D of the specialized subject of plasma physics at the institute. In November, 2000 and in August, 2002, he collaborated respectively with the scientists at the Institute for Plasma Physics, Forschungszentrum, Juelich, Germany and the university of Alberta, Canada. From 2003 to 2004, he visited at the Max Planck Institute for Plasma Physics at Garching, Germany.

Dr. Chen has been studying plasma physics for many years, the major specialized subject is theoretical and computational plasma physics, computer simulation. He took part in the research on the project of

the Nation 863 Plan and the research on divertor physics for EAST superconductor tokamak, the Nation Large Science Project, he was responsible for "synthetic design research of advanced property divertor in fusion reactor" and "research for formative mechanism and properties of naturally diverted layer in a low aspect ratio tokamak fusion reactor" supported by Nation Nature Science Foundation of China. In especial he has been making a thorough study for physics of edge plasma, limiter and divertor plasma in tokamaks for long time, he has wide academic exchanges and collaboration with the scientists at home and abroad. The major field of current study includes theoretical research and computer simulation of plasma equilibrium, plasma transport and anomalous transport, edge plasma, atomic and molecular processes in plasma, the interaction between plasma and materials and the interaction between plasma and wave, simulation of plasma experiments. Dr. Chen would like to enroll the M.S. students in the special field of theoretical and computational plasma physics, computer simulation.

Dr. YiPing Chen

Institute of Plasma Physics, Chinese Academy of Sciences,

P. O. Box 1126, Hefei, Anhui, 230031, China

Fax: +86-551-5591310

E-mail: ypchen@ipp.ac.cn

个人介绍

陈一平, 男, 安徽怀宁人, 博士, 副研究员。1987年在中国科学院等离子体物理研究所获等离子体物理与受控聚变工程专业硕士学位, 后在该所获等离子体物理专业博士学位。2000.11和2002.8分别在德国于利希研究中心等离子体物理研究所和加拿大Alberta大学从事合作研究, 2003-2004德国马普协会等离子体物理研究所访问学者。

长期从事等离子体物理研究工作, 所从事的主要专业方向为理论与计算等离子体物理, 计算机数值模拟。曾参与国家863计划项目研究和国家大科学工程EAST超导托卡马克偏滤器物理研究, 负责主持国家自然科学基金项目“聚变堆高性能偏滤器综合设计研究”和“低环径比托卡马克自然偏滤层形成机理与特性研究”。对托卡马克边界层等离子体物理、限制器和偏滤器物理有长期和深入的研究, 国内外有广泛的学术交流和合作。目前的主要研究包括等离子体平衡、等离子体输运与反常输运、边界层等离子体、等离子体中原子分子过程、等离子体与材料相互作用、等离子体与波相互作用的理论和计算机数值模拟研究以及托卡马克等离子体实验的模拟研究。可招收等离子体物理理论与计算机数值模拟专业硕士研究生。

联系方式:

通讯地址: 安徽省合肥市1126信箱

邮编: 230031

传真: 0551-5591310

E-mail: ypchen@ipp.ac.cn

