

#### 四、智力合作需求计划（英文版）

Intelligence Cooperation Type	Requirement				Duty (within 50 words)	Institution	
	Major	Position	Degree	Number		Manager	E-mail (Tel/E-mail)
PIFI (Distinguished Scientists)	Applied Superconductivity	20 years working experience	Doctor	1	Making the following research for cold of 14T MRI and 15T conductor testing facility, and new conductor for future fusion reactor: 1.design and analysis; 2.manufacturing technology	WU Yu	0551-65593256
PIFI (Distinguished Scientists)	Plasma Physics	Senior Scientist	PhD	1	Frontier physics studies in MHD stability and plasma transport under applied magnetic perturbations in tokamaks	Youwen Sun	0551-65593052 / ywsun@ipp.ac.cn
PIFI (Distinguished Scientists)	Nuclear Energy Science and Engineering	Researcher/Professor/Senior Engineer	Phd	1	Research on key technologies of Electron cyclotron heating system (such as gyrotron commissioning & operation, low loss transmission, etc.)	Xiaojie Wang	0551-65597033/ xjiew@ipp.ac.cn
PIFI (Distinguished Scientists)	Plasma Physics	/	Ph.D	2	Research on low temperature plasma technology and its application on environment, materials and medicine	Chen Gen	chengen@ipp.ac.cn
PIFI (Distinguished Scientists)	Environmental engineering/Plasma	Professor	Doctor	1	Plasma Application	Chen Changlun	<a href="mailto:clchen@ipp.ac.cn">clchen@ipp.ac.cn</a>
PIFI (Distinguished Scientists)	Fusion Materials	Professor	PhD	1	R&D of fusion materials, materials irradiation effects	Guang-Nan Luo	0551-65592525/gnluo@ipp.ac.cn
PIFI (Distinguished Scientists)	Tritium Science & Technology	Professor	PhD	2	R&D of tritium-materials interaction and related technology for fusion reactors	Guang-Nan Luo	0551-65592525/gnluo@ipp.ac.cn
PIFI (Distinguished Scientists)	Nuclear Energy Science and Engineering/physics	Professor /Researcher	doctor	1	Researches on Ion Source for Neutral Beam Injector	Yuanlai Xie	65591309/ laurence@ipp.ac.cn

PIFI (Visiting Scientists)	Applied Superconductivity	20 years working experience	Doctor	1	Making the following research for coild of 14T MRI and 15T conductor testing facility, and new conductor for future	WU Yu	0551-65593256
PIFI (Visiting Scientists)	Applied Superconductivity	20 years working experience	Doctor	1	External expert of CRAFT- Superconducting magnet system.	WU Yu	0551-65593256
PIFI (Visiting Scientists)	Applied Superconductivity	20 years working experience	Doctor	1	External expert of CRAFT- High temperature Superconducting magnet and Technology for High field	QIN Jinggang	0551-65595691
PIFI (Visiting Scientists)	Applied Superconductivity	20 years working experience	Doctor	1	External expert of CRAFT- High temperature Superconducting magnet and Technology for High field	QIN Jinggang	0551-65595691
PIFI (Visiting Scientists)	plasma phycis	Professor/Senior scientist	Doctor	1	integrated modeling for CFETR/BEST/EAST	Guoqiang Li	65594279/ligq@ipp.ac.cn
PIFI (Visiting Scientists)	fusion reactor	Professor/Senior scientist	Doctor	1	R&D for fusion reactor with high temperature superconducting magnet	Xiang Gao	65594253/xgao@ipp.ac.cn
PIFI (Visiting Scientists)	Plasma Physics	Associate professor lever or higher	PhD	1	Supervising young researchers and helping to conduct theoretical studies and computer simulations of Tokamak	Nong Xiang	0551-65595032/ xiangn@ipp.ac.cn
PIFI (Visiting Scientists)	plasma physics	Senior Scientist	PhD	1	Study of particle transport in plasma by active particle injections and its effect on edge turbulence and pedestal structure;	Jiansheng Hu	0551- 65593290/zuoguizh@ipp.a c.cn
PIFI (Visiting Scientists)	energetic particle (EP) physics		PhD	1	EP transport (distribution/loss) on EAST towards burning plasma	Juan Huang	0551-65595633 juan.huang@ipp.ac.cn
PIFI (Visiting Scientists)	Plasma Physics	Professor	PhD	1	Studies of key issues on plasma-wall interactions during long-pulse operation in EAST	Rui Ding	65592502/rding@ipp.ac.cn
PIFI (Visiting Scientists)	Plasma physics/Plasma diagnostics	Senior Researcher	PhD	3	DT Burning plasma diagnostics research, Diagnostic physics simulation,design, key technology development	Haiqing LIU	13855124913/hqliu@ipp.ac .cn
PIFI (Visiting Scientists)	Plasma Physics	/	Ph.D	2	Research on low temperature plasma technology and its application on environment, materials and medicine	Chen Gen	chengen@ipp.ac.cn
PIFI (Visiting Scientists)	Environmental engineering/Plasma Chemistry	Professor	Doctor	1	Plasma Application	Chen Changlun	<a href="mailto:clchen@ipp.ac.cn">clchen@ipp.ac.cn</a>

PIFI (Visiting Scientists)	Nuclear Energy Science and Engineering	Professor /Researcher	doctor	1	Researches on Ion Source for Neutral Beam Injector	Yuanlai Xie	65591309/ laurence@ipp.ac.cn
PIFI (Post doctor)	Nuclear Energy Science and Engineering/physics	/	doctor	1	Researches on Ion Source for Neutral Beam Injector	Yuanlai Xie	65591309/ laurence@ipp.ac.cn
PIFI (Post doctor)	Plasma Physics	/	Ph.D	2	Research on low temperature plasma technology and its application on environment, materials and medicine	Chen Gen	chengen@ipp.ac.cn
PIFI (Post doctor)	Environmental engineering/Plasma Chemistry	Post Doctor	Doctor	1	Plasma Application	Chen Changlun	<a href="mailto:clchen@ipp.ac.cn">clchen@ipp.ac.cn</a>
PIFI (doctor)	Plasma physics		Doctor student	1	Interaction mechanism and environmental application of plasma and aqueous solution (sterilization, degradation of	Chen Gen	chengen@ipp.ac.cn
PIFI (doctor)	Environmental engineering/Plasma Chemistry	Doctor student	Doctor student	1	Plasma Application	Chen Changlun	<a href="mailto:clchen@ipp.ac.cn">clchen@ipp.ac.cn</a>
PIFI (doctor)	Nuclear Energy Science and Engineering/physics	/	master	1	Researches on Ion Source for Neutral Beam Injector	Yuanlai Xie	65591309/ laurence@ipp.ac.cn
HFIPS Project (Distinguished Researcher)	Environmental engineering/Plasma Chemistry	Professor	Doctor	1	Plasma Application	Chen Changlun	<a href="mailto:clchen@ipp.ac.cn">clchen@ipp.ac.cn</a>
HFIPS Project (Distinguished Researcher)	Nuclear Energy Science and Engineering/physics	Professor /Researcher	doctor	1	Researches on Ion Source for Neutral Beam Injector	Yuanlai Xie	65591309/ laurence@ipp.ac.cn
HFIPS Project (Senior Visiting Scholar)	Plasma Physics	Senior Scientist	PhD	1	Develop advanced physical model for tokamak burning plasma transport	Nong Xiang	0551-65595032/ xiangn@ipp.ac.cn
HFIPS Project (Senior Visiting Scholar)	energetic particle (EP) physics		PhD	1	Simulation and prediction of EP instabilities on EAST towards burning plasma	Juan Huang	0551-65595633 juan.huang@ipp.ac.cn
HFIPS Project (Senior Visiting Scholar)	Cryogenic Technology	At least 5 years experience in the related field	PhD	1	Design of large scale cryogenic system ; Development of key technologies for cryogenics	Qiyong Zhang	<a href="mailto:0551-65593067_zhangqy@ipp.ac.cn">0551-65593067、 zhangqy@ipp.ac.cn</a>

HFIPS Project (Senior Visiting Scholar)	Microwave Engineering and technology	Researcher/Professor/Senior Engineer	Phd	1	Research on technologies of high power gyrotron commissioning & operation; Development of high performance millimeter wave components , etc.)	Xiaojie Wang	0551-65597033/ xjiew@ipp.ac.cn
HFIPS Project (Senior Visiting Scholar)	Environmental engineering/Plasma Chemistry	Professor	Doctor	1	Plasma Application	Chen Changlun	<a href="mailto:clchen@ipp.ac.cn">clchen@ipp.ac.cn</a>
HFIPS Project (Senior Visiting Scholar)	Plasma physics	/	doctor	1	Simulations tudy on Beam transmission process of Neutral Beam Injector;Design and performance optimization study of the Extraction System of Ion Source for Neutral Beam Injector;Design of RF ion source for Neutral Beam Injector	Yuanlai Xie	65591309/ laurence@ipp.ac.cn