Planning your research in China

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The critical years after PhD

A well-founded research question, innovative in order to be recognized in an international scenario, with a supportive team and a strong publication track

Is it possible in China?
Funding opportunities

A novel, original research question or technological solution has plenty of founding opportunities in China. Early post-docs are already eligible to be PI.

Basic scientific research

Talent programs (regional and national)
Ministry of Education, Ministry of Industry and Information Technology of the People's Republic of China
Department of the Central Committee of the CPC

Key technology development

Application to projects is well supported by the research groups

Digital PET Imaging Lab
Interdisciplinary research: high energy physics, astrophysics, medical physics

From fundamental research to key technology development

HUST offers a complete network of high tech. laboratories for the development of key technologies

数字PET实验室  Digital PET Imaging Lab
HUST is strongly supporting publication records

Medical applications of silicon photomultipliers

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It is expected that the new generation of SiPM will be in CMOS technology with electronics on chip [130]. This development will be primarily driven by the impact of SiPM on industrial processes, safety, homeland security, automotive applications and more. Once transferred to medicine it will produce a big step forward in diagnosis, prognosis and therapy based on more and more quantitative medical imaging procedures.

Example: SiPM and interdisciplinary application

[Image of a SiPM sensor and a PET scanner]
International team

International exchange is supported and encouraged

International students from Germany, Italy, South America, France

数字PET实验室 Digital PET Imaging Lab
International Advisory Committee

Allport, Phil  U. of Birmingham, UK  英国伯明翰大学
Barcons, Xavier  ESO Dir., DE/SP  欧洲南方天文台
Bertolucci, Sergio  U. of Bologna, IT  博洛尼亚大学
Capeans Garrido, Mar  CERN, CH  欧洲核子研究中心
Cavallari, Francesca  U. of Rome/INFN, IT  罗马大学
Cattai, Ariella  CERN, CH  欧洲核子研究中心
Chai, Zhifang  IHEP, CAS/Soochow U., CN  中国科学院高能物理研究所/苏州大学
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Gallo-Voss, Elisabetta  U. of Hamburg/DESY, GE  汉堡大学
Hoogland, Walter  U. of Amsterdam, NL  阿姆斯特丹大学
Lope, Rogerio  UNESP, BR  圣保罗州立大学
Liu, Xianjun  HUST, CN  华中科技大学
Marcos, Jesus  CSIC Dir., SP  西班牙国家研究委员会
Patti, Robert  NHanced Semiconductors Inc., USA  恩亨半导体公司
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Smith, Wesley  U. of Wisconsin, USA  威斯康星大学
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Tao, Charling  CPPM/CNRS–IN2P3, FR  法国国家科学研究中心
Unno, Yoshinobu  KEK, JP  高能加速器研究机构
Vaquero, Juan Jose  UC3M, SP  马德里卡洛斯三世大学
Wermes, Norbert  U. of Bonn, GE  波恩大学
Xie, Qingguo  HUST, CN  华中科技大学
Ye, Chaohui  HUST, CN  华中科技大学
Zhan, Qimin  Peking U., CN  北京大学

DISTURB THEM!
Life in a culturally lively metropolis, in a family-oriented society
Welcome in Wuhan!

We hope this school will be for you an opportunity to extend you expertise with a unique interdisciplinary approach, to get in touch with China and, maybe, to start to cooperate with us in the nearby future!