



October 25, 2024

Postdoctoral Research Fellow Positions at SJTU

Shanghai Jiao Tong University (SJTU) is a prestigious research institution known for its excellence in science and engineering, located in the vibrant city of Shanghai, China. Institute of Nuclear and Particle Physics (INPAC) at SJTU is seeking highly motivated and skilled postdoctoral research fellows to join our research team focused on the following projects:

1. ATLAS Muon Detector Upgrade:
This role involves RPC-based muon detector design, production, integration, testing and performance study etc.
2. High Granularity Calorimeter Prototype R&D:
This position involves working on the design, simulation, construction and testing of the crystal and/or glass scintillator based calorimeter prototype.
3. Physics Analysis of the ATLAS data including Higgs physics and search for BSM physics, feasibility study of the future electron positron collider (CEPC).

The initial appointment is 2 years (renewable). The candidate should have a Ph.D. in experimental particle physics or nuclear physics with strong background in experimental techniques, data analysis and MC simulation.

The successful candidate is expected to work and mainly base in Shanghai, with necessary trips to CERN. We offer an internationally competitive salary plus additional housing benefits in Shanghai. The successful candidate is encouraged to apply for research grant and we will provide support in funding application, in particular for some prestigious Shanghai local projects, which would add substantial subsidy besides salary if the application gets approved.

Interested candidates should provide a CV, research statement and achievements, and at least three support letters. Inquiries of the position shall be sent to Prof. Haijun Yang haijun.yang@sjtu.edu.cn, Prof. Jun Guo jun.guo@sjtu.edu.cn.

The review of application will begin immediately and last until the position is filled. For full consideration, applications should be received by December 31, 2024.

INPAC (<http://inpac.physics.sjtu.edu.cn>), established in 2009, has about thirty-five joint faculty (with Tsung-Dao Lee Institute, <https://tdli.sjtu.edu.cn/>) and research staffs working on the frontiers of fundamental science researches in nuclear and particle experiments and theories. English is the working language at the institute and non-Chinese-speaking candidates are highly and equally welcome to apply.