

Fudan Univ. China

Postdoctoral position at Fudan University, China

A postdoctoral position is opening at the high-energy nuclear theory group of Physics Department of Fudan University (Shanghai, China). The applicant should have the doctoral degree or expect to receive the doctoral degree within one year, and have experience in the following area:

- Properties of quark-gluon matter at finite temperature, density, and external magnetic field
- Phenomenology of heavy-ion collisions and compact stars
- Nuclear many-body problem and superfluidity in fermionic systems
- Topological properties of gauge field theory and dense matter

The applicant is expected to work with the members of the group, particularly Prof. Xu-Guang Huang, and postdocs and students in the group. The Group has strong interaction with other theoretical groups in Fudan University, for example, the groups led by Prof. Yong-Shi Wu (theoretical high-energy and condensed matter physics), Prof. Cosimo Bambi (black hole physics), Prof. Antonino Marciano (cosmology and particle physics), Prof. Ling-Yan Hung (string theory), Prof. Yi-Dun Wan (theoretical physics), Prof. Yang Zhou (high-energy theory), Prof. Daekyoung Kang (quantum chromodynamics), and Prof. Li Yan (phenomenology of heavy-ion collisions). The Group also has close relation to the experimental groups in Fudan University led by Prof. Huan-Zhong Huang and Prof. Yu-Gang Ma on heavy-ion collision experiments.

The position can start in Spring or Fall of 2020. For full consideration, the application should be received before **December 27, 2019.**

The applicant should submit

- 1) a curriculum vitae including a list of publications,
- 2) two or three recommendation letters,
- 3) a one- or two-page Research Statement,

as PDF files to Prof. Xu-Guang Huang, huangxuguang@fudan.edu.cn.