

BLTP JINR: Postdoctoral Research Fellow in Theoretical Physics

General information

Date of publication: 15 May 2019

Workplace: Bogoliubov Laboratory of Theoretical Physics, JINR

Type of contract: research fellow

Contract period: 36 months

Expected date of employment: 1 December 2019

Proportion of work: Full time

Remuneration: 150 000 roubles gross per month (equivalent approximately to 2300\$ for the date of publication), 13% income tax is applied in accordance with the RF regulations, travel support for participation in conferences and short term visits

Social package: free medical insurance in the frame of the Russian compulsory medical insurance system, partial compensation for accommodation/rent of apartment

Field of research

Neutrino Physics (theory):

- Quantum field theory approach to neutrino oscillations in vacuum and in the media
- Phenomenology of neutrino interactions with nucleons and nuclei at intermediate energies
- Modeling and data processing for the deep water neutrino telescopes (Baikal GVD, KM3NeT ORCA)

Skills required

Desired level of education: PhD or its equivalent in JINR Member States

Experience required: not more than 5 years of postdoctoral experience

The applicant is expected to have a solid background in quantum field theory, theoretical elementary particle and nuclear physics (including PhD in the field).

Proficiency in English is essential.

Application

Application should be sent by e-mail to bltp@theor.jinr.ru

Application should include: Application in the name of the JINR Director, academic CV, list of publications, scanned copies of documents of higher professional education and conferment of scientific degree, recommendation letters (not less than three) including the recommendation from the leader of the appropriate research group at BLTP.

Dates: The applications are accepted starting from the date of publication. The review of applications will begin on 01.09.2019 and will continue until the opportunities are filled.

Questions and information: For additional information please e-mail to andreev@theor.jinr.ru (sc. secretary of BLTP Dr. Alexander Andreev)