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Postdoctoral position in Experimental Nuclear Physics in Brazil

The Exotic Nuclei and Nuclear Astrophysics group of the Department of Nuclear Physics of Instituto de Física da Universidade de São Paulo is looking for a candidate for a postdoctoral position.

Subject Area: Physics / Nuclear Experiment (nucl-ex) – Low energy

Appl Deadline: 2018/05/15

Description: We would like to invite applications for a postdoctoral position in experimental research in nuclear physics related to nuclear reaction mechanism and nuclear structure. This fellowship is granted within FAPESP Foundation (Brazil) funded research project coordinated by prof. Mahir S. Hussein.

The successful candidate will join the group of Valdir Guimarães at Universidade de São Paulo, Brazil. He will be involved in experimental nuclear physics, in particular in performing experiments and data analysis for nuclear reactions (elastic scattering, breakup and/or fusion) induced by radioactive ion beam. These measurements will be performed with the radioactive ion beam facility RIBRAS installed in São Paulo, Brazil, or in other lab abroad.

Eligibility: having obtained the PhD in nuclear physics after 2011. The successful candidate should have a strong background in experimental nuclear physics (instrumentation and detectors), programming and data analysis. Knowledge of data analysis codes for nuclear mechanism at low energy regime will be a valuable asset.

More information: For more information see www.fapesp.br/en/postdoc. Interested individuals should submit a cover letter addressing the reason of interest in the fellowship, a brief review of recent activities, CV, and arrange for one letter of recommendation to be submitted to Prof. Valdir Guimarães (valdirg@if.usp.br). The review of the applications will begin March 15th until May 15th, 2018.
