

## **Post-doctoral position in experimental low energy nuclear physics at the Heavy Ion Laboratory, University of Warsaw.**

**Type of position:** post-doc, full time

**Duration:** 24 months

**Application deadline:** 31 March 2018

**Salary:** approx. 6000 PLN gross (brutto)

Applications are invited for a 24-months postdoctoral position in experimental low energy nuclear physics. The successful candidate will be employed in the Heavy Ion Laboratory, University of Warsaw, and will be involved in studies of nuclear structure, with emphasis on investigations of proton-rich nuclei using in-beam gamma-ray spectroscopy methods. He/she will be involved in experiments at GANIL (France) using the AGATA detector array in connection to NEDA, as well as in experiments at HIL and other laboratories. He/she shall take part in planning experiments, preparations, execution and analysis of data and interpretation of the results. He/she will be also encouraged to formulate his/her own research programme relevant to the position.

Applicants are required to have a PhD in experimental nuclear physics obtained within last 7 years (this time limit shall be appropriately extended in case of maternity or health leaves) . They should present a record proving their ability to perform experiments, analyse the data and publish the results in a timely manner.

The following experience and skills will be considered beneficial:

- ⑩ experience with setting up and using multi-detector systems of HPGe detectors, connected to ancillary devices, in particular to detectors of neutrons and charged particles as well as in analysing data collected with such detector systems;
- ⑩ experience in data analysis using the ROOT package;
- ⑩ experience in simulations of detector systems and experiments using the Geant4 package;
- ⑩ programming skills (C, C++, python).

The interested candidates should provide:

- ⑩ a motivation letter with the description of particular skills, achievements and experience related to the application
- ⑩ curriculum vitae;
- ⑩ a list of up to 10 publications which they consider most important;
- ⑩ names and e-mail addresses of two academic/scientific professionals who can provide references.

All the documents should be written in English and should be submitted by e-mail to [postdoc@slcj.uw.edu.pl](mailto:postdoc@slcj.uw.edu.pl). For further information please contact Marcin Palacz, [palacz@slcj.uw.edu.pl](mailto:palacz@slcj.uw.edu.pl).

The contract will start in May 2018 or later in 2018 if so agreed.

Please include in your offer the following statement:

öI hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process under the Personal Data Protection Act as of 29 August 1997, consolidated text: Journal of Laws 2016, item 922 as amended.ö