

Open Call for a position within the framework of the research grant HARMONIA financed by Narodowe Centrum Nauki "Investigation of dielectron pair emission from baryon resonances in vacuum and dense nuclear matter by means of the HADES spectrometer.

Project is conducted by a scientific group of Prof. Piotr Salabura in M. Smoluchowski Institute of Physics, Department of Nuclear Physics, Jagiellonian University

Project title:

Data analysis of proton and pion induced reactions. Simulations for HADES at FAIR

Project duration:

2 years, start of the contract 1.12.2015

The scope of the project:

A candidate should be either a phd student or a post-doc with experience in experimental hadron physics. The candidate should contribute in the data analysis project with focus on proton-proton and pion induced reactions taken by the HADES detector (www-hades.gsi.de). The main emphasis here is extraction of the production cross section of baryon resonances by means of Partial Wave Analysis. It is also expected that candidate will perform studies of hyperons production planned for the future HADES experiments at FAIR.

Requirements:

For PHD student:

Evaluation result of the master work and achievements during studies (respective documents should be presented), interest in field of experimental hadron physics, to be proven in an interview or/and by a list of publications, reference letter from the supervisor of master work (respective document is mandatory), fluent English (interview) good ability to work in team

Decision will be based on the result of interview and evaluation of the respective documents

For Post-doc:

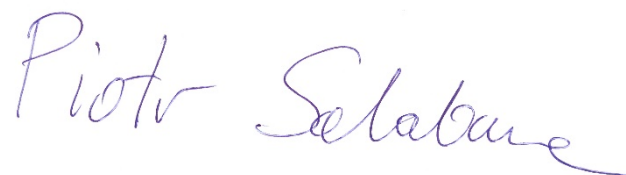
CV with description of scientific career, document with evaluation of phd, personal interest in the field of experimental hadron physics supported by some experience (an interview might be requested), record of publications and ,for a young researcher a reference letter from the supervisor of phd, fluent English

Decision will be based on the result of interview and evaluation of the respective documents

Time schedule :

Documents should be sent within 2 weeks (till 15.11.2015) to Prof. Piotr Salabura (piotr.salabura@uj.edu.pl). Pre-selection of candidates till 22.11. Final decision by the end of November 2015

In case of questions and for information on financial terms don't hesitate to send it to piotr.salabura@uj.edu.pl

A handwritten signature in blue ink that reads "Piotr Salabura". The signature is written in a cursive style with a long, sweeping underline.