



HR EXCELLENCE IN RESEARCH

FORM FOR EMPLOYERS

INSTITUTION	UNIVERSITY OF WARSAW, FACULTY OF PHYSICS
CITY	WARSAW, POLAND
POSITION	ASSISTANT PROFESSOR (ADJUNCT)
DISCIPLINE	PHYSICS
NUMBER OF POSITIONS	1
POSTED	8 MARCH 2018
EXPIRES	15 MAY 2018
WEBSITE	WWW.FUW.EDU.PL
KEY WORDS	Linear colliders, CLIC project, Beyond Standard Model physics, Supersymmetry, computer simulations

DESCRIPTION (field, expectations, comments):

We offer full time contract for 24 months within the research project focused on the detailed analysis of the prospects for Beyond Standard Model (BSM) physics studies at the future linear electron-positron colliders, in particular in the experiment planned at the CLIC collider at CERN. The main task of the successful candidate will be to study selected BSM scenarios using results of the full detector level simulation of electron-positron interactions.

The requirements:

We require experience in data analysis in particle physics experiments as well as in the use of computer simulation tools. In particular, experience in working with *ilcsoft* framework, with MARLIN, DELPHES, WHIZARD or MADGRAPH codes would be an advantage. Proficiency in using standard HEP programming, analysis and editorial tools (C++, CERN root, LaTeX etc.) is also expected. The candidate should have PhD in experimental or theoretical high energy physics obtained not earlier than in 2011.

Upon starting the contract the successful candidate has to declare not to receive payments from any other employer nor to receive any other payment from NCN funds. We expect that the contract should start not later than October 1st, 2018.

The candidates have to conform to the conditions stated in art. 109 of Higher Education Law dated 27.07.2005. (uniform text: Journal of Laws of the Republic of Poland 2016, item 1842 with further amendments).

Interested candidates should submit their applications to zarnecki@fuw.edu.pl including the following documents:

1. Application for the position required together with the acceptance for the treatment of personal data: "I hereby give consent for my personal data to be processed for the purposes of recruitment, in accordance with the Personal Data Protection Act dated 29.08.1997 (uniform text: Journal of Laws of the Republic of Poland 2016, item 922)".
2. CV
3. Detailed information about the candidate's scientific career, description of the experience in the research areas covered by the project, information about the completed internships and scientific collaboration.
4. List of scientific publications with citation numbers according to the Web of Science database.
5. List of conference talks given by the candidate, as well as other presentations and seminars given in research institutions.
6. Copy of PhD diploma.
7. At least 2 reference letters from professors or senior faculty members familiar with the candidate's achievements. The letters should be treated as confidential and have to be sent directly to the e-mail address given above.

The documents should be sent in PDF format, with candidate's first name and surname indicated in the file names. Application for the position should be sent as a scan of the signed document.

The selection procedure will be concluded before June 15, 2018.

The candidate might be asked for an interview with the commission appointed by the Dean of the Faculty. The candidate will be informed about the interview date as well as about the final selection results by e-mail.

This announcement is the first step in the procedure of employing an academic teacher and its positive result will be a base for consecutive steps.