

Announcement for PhD student position:

The research group of P. Moskal invites applications for a PhD student position in the project entitled „Search for the mesic nuclei”.

The minimum requirements for candidates are:

- Master degree in the field of Natural Sciences, Engineering, Computer Science, Mathematics or related field of science.
- Experience in data analysis, Monte-Carlo simulations and computer programming
- Good knowledge of English (spoken and written)

The successful applicant is expected to perform following research tasks: Data selection, analysis and simulations of the $pd \rightarrow ppppi^-$, $pd \rightarrow ppnpi^0$, $pd \rightarrow pdpi^0$ reactions. Calibration of detectors. Development and validation of procedures for the luminosity determination. Determination of excitation functions for these reactions. Interpretation of results in view of the production of the ${}^3\text{He}$ -eta mesic nucleus and its disintegration through the decay of N^* . Preparations of articles, presentation of results at conferences and WASA collaboration meetings.

The candidates should submit applications containing the following documents

1. Short application including motivation letter (maximum two pages),
2. Scientific CV including list of publications
3. At least one letter of recommendation (preferentially send directly to P. Moskal via e-mail)

All documents should be submitted in the pdf format to the address: p.moskal@uj.edu.pl

The position will be available initially for one year, but may be renewed for further two years (maximally) by mutual agreement.

The deadline for submission of applications is 19 September 2017.

More informations about the WASA experiment can be found at: <http://koza.if.uj.edu.pl/>

Application should include a statement:

„Wyrażam zgodę na przetwarzanie moich danych osobowych zawartych w mojej ofercie pracy dla potrzeb niezbędnych do realizacji procesu rekrutacji” (zgodnie z ustawą z dnia 29 sierpnia 1997 roku o ochronie danych osobowych, tekst jednolity: Dz.U. z 2015 roku, poz. 2135 z późniejszymi zmianami).