

## Announcement for PhD position (deadline 18 April 2017)

The research group of P. Moskal invites applications for a PhD position in the project entitled „Studies of discrete symmetries in decays of positronium atoms”.

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, statistics and computer programming
- Good knowledge of English (spoken and written)

The successful applicant is expected to perform following research tasks: Tests of discrete symmetries in decays of positronium atoms: Data taking; Tuning of the calibration of the whole detection system in view of the studied reactions; Identification and selection of registered events; Simulations of positronium decays breaking the studied symmetries; Simulation of the physical and instrumental background; Determination of the degree of polarisation of the positronium source; Analysis and interpretation of the collected data including detailed determination of statistical and systematic uncertainties. Interpretation of results, preparation of scientific articles, presentation of results at conferences and scientific 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](mailto: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 18 April 2017.**

The candidates will be informed (by email) of the result of the selection on 24th of April 2017.

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).”*