

PhD student position in Experimental Heavy-Ion Physics within the STAR experiment

Warsaw University of Technology (WUT) is a technical research university with traditions in education dating back to the 19th century, being the oldest of its kind in Poland. It is a forward-thinking institution where high-quality education meets world-class research and innovation. WUT is ranked number one among all technical universities and number three among all universities in the country.

The Heavy Ion Reaction Group at the Faculty of Physics at WUT participates the STAR experiment at RHIC, ALICE at the LHC and the NA61/SHINE at SPS in CERN. The STAR group at WUT consists of 5 staff members and a number of PhD, MSc, and BSc students working in the group during the realization of their theses. The STAR group specializes in measurements of heavy-flavor hadron production, and in correlations analyses (femtoscopic and angular correlations). We closely cooperate with the ALICE group at WUT.

Job Description

The successful candidate is expected to participate in experimental studies of angular correlations of heavy-flavor hadrons in the STAR experiment, within the project *Study of quark-gluon matter properties using heavy-quark correlations*, funded by the National Science Centre, Poland.

The successful candidate will be enrolled in a doctoral school at Warsaw University of Technology. It is expected that the candidate will defend his/her PhD thesis within 4 years.

Requirements

- MSc degree or foreign equivalent,
- Some experience in particle or nuclear physics,
- Strong interests in experimental nuclear physics,
- Working knowledge of a modern programming language (e.g. C/C++, Java, Python)
- Good oral and written communication skills in English

Salary: 4500 PLN (scholarship)



How to apply

Applications and/or any questions should be sent electronically to Dr Daniel Kikoła (daniel.kikola@pw.edu.pl). Please include the phrase 'PhD student STAR' in the subject of your email.

Applications must include

- a CV of a candidate,
- a brief statement of research interests,
- a list of scientific achievements, for example, talks at scientific conferences, up to 5 most important publications (indicating the contribution of a candidate to those publications),
- A recommendation letter from a supervisor of MSc thesis, to be sent directly to daniel.kikola@pw.edu.pl.

The candidate will be selected according to rules of awarding scientific scholarships in research projects funded by the National Science Centre, Poland:

https://ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2016/uchwala96_2016-zal1.pdf

This position will be open until filled. To receive full consideration, applications should be submitted by September 20, 2019.

Please include the following statement in your CV:

„I hereby give consent to process my personal data included in the offer, for the purposes of the recruitment procedure, in accordance with the Personal Data Protection Act dated 29.08.1997 (Consolidated text: Journal of Laws of the Republic of Poland, 2016, item 922, as amended).”



Notice on protection of personal data:

Pursuant to Article 13 of the Regulation of the European Parliament and of the Council (EU) 2016/679 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (hereinafter referred to as: "GDPR"), we inform you that:

- The Warsaw University of Technology, Pl. Politechniki 1, 00-661 Warszawa, Poland (further referred to as the „University”), is the administrator of your personal data. For further details on personal data processing you can contact the data protection officer: iod@pw.edu.pl
- Personal data of the candidates are processed for the purposes of carrying out the recruitment procedure.
- Members of the relevant recruitment committees are recipients of the personal data of the candidates.
- Personal data of the candidates will be processed until the recruitment procedure is concluded. Access to your personal data may have companies that Warsaw University of Technology commissions to perform activities that involve the processing of personal data. Your data will be deleted after 6 months.
- The candidates have the right to request from the University access to their personal data and the right to amend them.
- The candidate may at any moment withdraw the consent to process personal data. The data will then be irretrievably and effectively destroyed, so that they can no longer be accessed or reconstructed by any means, and the candidature shall not be further taken into account in the recruitment procedure.
- In any case, the candidate has a right to file complaint to the Inspector General for the Protection of Personal Data, Stawki 2, 00-193 Warszawa, Poland, phone: (+48) 22 531 03 00, fax: (+48) 22 531 03 01, e-mail: kancelaria@giodo.gov.pl

