Postdoctoral Research Associate position
in the field of Experimental Heavy-Ion Physics
within the ALICE 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.

Warsaw University of Technology participates in two LHC experiments: ALICE (physics and computing) and CMS (electronics) as well as several non-LHC experiments (including NA61/SHINE or STAR at RHIC). The ALICE group at WUT consists of 9 staff members (including 2 full professors) and a number of PhD, MSc, and BSc students working in the group during realization of their diploma theses. We are active in the physics analysis of ALICE data including femtoscopy and angular correlations. The group also closely cooperates in this field with the STAR group at WUT. Other activities include responsibility for running and maintaining the event display software in ALICE as well as active involvement in machine learning tools and methods to be used in various aspects of the experiment.

Job Description

The successful candidate is expected to play a leading role in the feasibility and performance studies for a fixed-target program in the ALICE experiment. The successful candidate will be employed as a research assistant professor at the Faculty of Physics at WUT, within the Horizont 2020 project STRONG-2020: *The strong interaction at the frontier of knowledge: fundamental research and applications* for an initial period of 12 months, which may be extended up to 24 months, provided the satisfactory outcome of the evaluation after the first 12 months.

Requirements

- PhD in experimental particle or nuclear physics
- Strong programming skills in C/C++ and/or ROOT
- Experience in data analysis
- Fluency in English, both written and verbal

Koszykowa 75
00-662 Warsaw
phone +48 (22) 234 72 67
fax: +48 (22) 628 21 71
dziekan@if.pw.edu.pl
fizyka.pw.edu.pl

Employment status

This is a full-time, 100% research position, without any teaching obligations. However, the successful candidate will have the opportunity to supervise BSc and MSc students and/or teach selected classes.

Salary: 6 500 PLN per month (before taxes).

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 'postdoc ALICE' in the subject of your email.

Applications must include
- a CV of a candidate,
- a brief statement of research interests,
- a list of talks and up to 5 most important publications (indicating a contribution of the candidate to those publications),
- two letters of reference, to be sent by referees directly to daniel.kikola@pw.edu.pl.

Selection process

The final choice of candidates will be made on a competitive basis, based on assessment of research achievements, scientific skills and an interview with the best candidates.

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

Please include in your CV the following statement:
„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)."

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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