

FORM FOR EMPLOYERS

INSTITUTION: AGH University of Krakow

DEPARTMENT: Faculty of Physic and Applied Computer Science

CITY: Krakow

POSITION: ASSISTANT PROFESSOR in a group of RESEARCH STAFF (POST-DOC)

DISCIPLINE: physical sciences

POSTED: 14.07.2025

EXPIRES: 30.09.2025

WEBSITE <https://www.agh.edu.pl/o-agh/praca-w-agh>

KEY WORDS: Assistant Professor (Post-doc), experimental high energy physics

DESCRIPTION (field, expectations, comments, requirements):

We invite applications for a postdoctoral position in experimental particle physics to be employed as an assistant professor in a group of research staff in the Department of Particle Interactions and Detection Techniques in the project 11 IDUB. The candidate will join the team of ATLAS experiment at the LHC. He/she will be responsible for the development of software for track reconstruction using data from the new ATLAS ITk detector currently under construction, both for offline and online use-cases. The candidate is also expected to work on track reconstruction techniques specific to heavy ion collision data. Contributions to research and development activities in the aforementioned areas, such as the application of machine learning, are also anticipated. The position is for 12 months and offers very competitive remuneration. Due to formal requirements, the offer is directed at individuals who hold citizenship of a country other than Poland.

12-month contract starts on the 1st December 2025.

REQUIREMENTS:

- 1) PhD at least in physical sciences, awarded not sooner than 7 years prior to publication of this job opening,
- 2) demonstrating scientific and organizational achievements and active participation in conferences and symposia,
- 3) experience in working in large experiments in high energy physics,
- 4) having scientific achievements in the reconstruction of charged particle tracks in silicon detector systems and high-level technical skills (C++ and Python programming),
- 5) membership and experience in the above-mentioned areas within the ATLAS experiment will be an asset,
- 6) knowledge of English at least at B-2 level.

A person may become a candidate if they meet the following requirements set forth in the Law on Higher Education:

- 1) has the qualifications specified in the Law,
- 2) has full legal capacity,
- 3) has not been punished by a final court judgment for an intentional crime,
- 4) enjoys full public rights.

DOCUMENTS REQUIRED:

- 1) application, CV, cover letter, personal questionnaire,
- 2) two letters of recommendation,
- 3) a document confirming knowledge of English at the least at the level B-2 (not required for candidates for whom English is the first language),
- 4) copy of diplomas or other certificates confirming qualifications,
- 5) list of scientific and organizational achievements.

DOCUMENTS MUST BE SUBMITTED:

Complete documentation must be sent to the following email address: sekretariat@fis.agh.edu.pl or sent to the address: Faculty of Physics And Applied Computer Science AGH, Poland, 30-059 Kraków, ul. Reymonta 19, building D-10, III floor, room 327 **till 30.09.2025.**

The AGH University will be the candidate's main place of employment.

The AGH University of Krakow does not require you to provide any information or data other than those resulting from the applicable law (name/names, surname, date of birth, contact details, education, professional

qualifications, and employment history). However, if you choose to include your photograph or any other information, please fill in and attach this statement of consent to the processing of personal data, which constitutes an attachment to this information.

The controller of your personal data processed in order to carry out the recruitment process for the above-mentioned position is the AGH University of Krakow, al. A. Mickiewicza 30, 30-059 Krakow. You can read all information concerning the processing of your personal data on the website of the AGH University of Krakow after going to the "Personal data protection" tab (<https://www.agh.edu.pl/en/personal-data-protection>).

The University reserves the right not to settle the competition without providing any reason or justification. Winning the competition is not tantamount to ensuring the candidate's employment. The result of the competition serves solely as a recommendation to the Rector in this regard. The final decision concerning the employment will be made by the Rector.

Cracow, on

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name and surname

CONSENT TO PERSONAL DATA PROCESSING
(recruitment - employee)

Pursuant to Article 6(1)(a) of the Regulation (EU) 2016/679 of the European Parliament and of the Council of April 27, 2016 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 (General Data Protection Regulation), [OJ EU. L. 2016.119.1, May 4, 2016] hereinafter referred to as "GDPR", **I consent to the processing of my personal data other** than the data mentioned in Article 22¹ § 1 of the Labour Code and contained in my CV and other application documents, and to the reproduction of my physical likeness **for the purposes of recruitment and selection for the position of** (contest notice no.).

In addition, I declare that the request for consent has been presented in a clear and understandable manner and that I have been informed about a possibility of withdrawing my consent at any time as well as about consent accountability. The withdrawal of consent to have personal data processed shall not affect the legality of the processing, which is carried out on the basis of such consent prior to its withdrawal; The consent may be withdrawn by submitting a written representation on consent withdrawal at a place that was indicated in the contest notice as the place for submitting documents.

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Date and signature