

FORM FOR EMPLOYERS

INSTITUTION: AGH UNIVERSITY OF SCIENCE AND TECHNOLOGY

DEPARTMENT: FACULTY OF PHYSICS AND APPLIED COMPUTER SCIENCE

CITY: KRAKÓW

POSITION: ADJUNCT (ASSOCIATE PROFESSOR)

DISCIPLINE: PHYSICS

POSTED:

EXPIRES: 15-06-2022

WEBSITE: <http://www.uci.agh.edu.pl/konkursy/>

KEY WORDS: ADJUNCT PROFESSOR, PHYSICS

DESCRIPTION (field, expectations, comments, requirements):

The Experimental Particle Physics group at the **AGH University of Science and Technology, Faculty of Physics and Applied Computer Sciences in Kraków, Poland** invites applications for a postdoctoral position on the ATLAS experiment at the LHC.

The successful candidate will work in a group of Prof. Iwona Grabowska-Bold as part of the Polish National Science Center project "Research on ultra-relativistic heavy-ion collisions and search for new physics with the use of hard probes at the LHC".

The group has experience in W, Z bosons and top-quark measurements in lead-lead, proton-lead and proton-proton collisions in the ATLAS experiment. We had a leading contribution to a first observation of the light-by-light process [1-2] in ultra-peripheral collisions at the LHC followed by the axion-like particle searches [3, 4]. The group is involved in the cross-experimental combination group [5] HonexComb (<https://twiki.cern.ch/twiki/bin/view/Honexcomb>).

The candidate will be expected to take a leading role in the heavy-ion data analysis, as well as to contribute to data taking and detector operation in a significant manner.

[1] [Nature Phys. 13 \(2017\) 852](#)

[2] [Phys. Rev. Lett. 123 \(2019\) 052001](#)

[3] [JHEP 03 \(2021\) 243](#)

[4] <https://arxiv.org/abs/2203.05939>

[5] <https://arxiv.org/abs/2204.02845>

REQUIREMENTS

- a doctoral degree in physics or in a related discipline,
- significant scientific achievements in the field of high energy or nuclear physics
- experience in international cooperation,
- scientific excellence,
- organizational achievements,
- active participation in conferences and symposia,
- ability to work in a team
- proficient knowledge of programming languages C++, Python and ROOT,
- knowledge of English at a minimum level B2 (B2 diploma or equivalent),
- active participation in the ATLAS international collaboration at the LHC or experience in heavy-ion data analysis documented with scientific publications will be an asset.

The candidate must fulfil the following requirements defined in the Polish Law on Higher Education:

- possesses qualifications defined in the Law,
- has full legal capacity,
- has not been punished by final court judgement for intentional offence,
- enjoys full public rights.

DOCUMENTS REQUIRED

1. CV, application form, personal questionnaire,
2. list of scientific achievements (list of publications: articles, papers published in conference proceedings, books, etc.; list of research papers and practical applications, patents, etc.) and organizational (list of functions held in the past and at present, at the university or outside the university, etc.) - with additional information on specific contributions,
3. two letters of reference with an opinion about the candidate,
4. proof of language skills at least level B-2,
5. a diploma certifying possession of a doctoral degree,
6. consent to the processing of personal data for recruitment purposes in accordance with the applicable law.

DOCUMENTS MUST BE SUBMITTED AT:

Please send the application to Faculty of Physics And Applied Computer Science AGH, Poland, Kraków, ul. Reymonta 19. III p. room 327 or sekretariat@fis.agh.edu.pl **till 15-06-2022.**

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

The AGH University of Science and Technology 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 Stanisław Staszic AGH University of Science and Technology in Krakow, al. A. Mickiewicza 30, 30-059 Krakow. You can read the full information concerning the processing of your personal data on the AGH University of Science and Technology's website after going to the "Protection of personal data" tab at (www.agh.edu.pl/RODO).

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, date.....

.....
name and last name

.....
address

CONSENT TO PERSONAL DATA PROCESSING

(recruitment - employee)

By virtue of Article 7 of the Regulation of the European Parliament and Council (EU) 2016/679 of 27 April 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, hereinafter referred to as "GDPR", I hereby give my 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

Additionally, I hereby represent that the request for consent has been presented in an explicit and clear form and that I have been informed about a possibility of withdrawing my consent at any time as well as about consent accountability. I have also been informed about the fact that the data are collected by **AGH University of Science and Technology, al. A. Mickiewicza 30, 30-059 Krakow**, the purpose of their collection, freedom of their disclosure, and the right to access and rectify the data.

.....
Date and signature of the candidate