




Kraków, February 26, 2024

**The Henryk Niewodniczański Institute of Nuclear Physics Polish Academy of Sciences**  
announces a competition for the position  
**ADIUNKT /post-doc/ - AP-NZ23/24**  
in Department of Ultrarelativistic Nuclear Physics and Hadron Interactions/NZ23/  
Division of Nuclear Physics and Strong Interactions/NO2/.

Deadline for application :	Expected term of employment:	Type of contract:	Number of positions:	Application address:
May 15th 2024	Second half of 2024 for define period up to 33 Months	contract of employment, full-time at IFJ PAN as the only place of work	1	 <a href="mailto:jobs@ifj.edu.pl">jobs@ifj.edu.pl</a>

<https://www.ifj.edu.pl/en/career/recruitment-procedures.php>

### I. Keywords:

Collisions of relativistic atomic nuclei, CERN, NA61/SHINE experiment, electromagnetic effects

### II. Description:

A person employed as an adjunct (post-doc) for a defined period up to 33 Months at the Department of Ultrarelativistic Nuclear Physics and Hadron Interactions- NZ23 at IFJ PAN will be obliged to participate in work on research topics and projects implemented and planned for the nearest period at the NZ23 Department. The basic tasks of the employed person will include: analysis of electromagnetic effects in Ar+Sc collisions in the NA61/SHINE experiment, work on the phenomenological description of the mentioned effects.

The employed person will also be obliged to disseminate the results of research in the form of publications in leading scientific journals indexed in the JCR and speeches during seminars and conferences, including international ones. This person will also be obliged to apply for external funding for research.

### III. Required qualifications:

- doctor degree in physical sciences or related disciplines
- documented publication record in refereed journals
- knowledge of the research topics of high-energy collisions of atomic nuclei
- working skills in an international team
- good knowledge of programming and experience in large computational codes
- very good knowledge of spoken and written English-
- high motivation for further development

Welcome:

- Completed internship/doctoral studies at a scientific institution abroad
- Ability to plan future research



#### IV. Salary offered

A person employed for a fixed period up-to 33 Month as an adjunct (post-doc) will receive a monthly basic remuneration from **PLN 5,500.00 gross**, which depends on the candidate's achievements. The total amount of remuneration will be increased by **allowances** for: length of service and working under conditions of exposure to ionizing radiation (if applicable).

#### V. General information

Detailed rules of the competition are specified in the Terms and Conditions of Recruitment of Adjuncts and Research Assistants adopted by the IFJ PAN Scientific Council on April 12, 2021 and accessible at:

<https://www.ifj.edu.pl/en/career/documents/terms-and-conditions-adjunct-research-assistant.pdf>

**Candidates applying for employment in IFJ PAN are required to contact the head of the N223 Department, prof. dr Marek Kowalski at an early stage, who may ask the candidate to deliver a seminar before submitting the application** and then the Head of the Department submits his/her short opinion with the recommendation or lack of recommendation for employment to the Competition Committee.

#### VI. Required documents

The list of required documents is included in the rules of the competition:

<https://www.ifj.edu.pl/en/career/documents/terms-and-conditions-adjunct-research-assistant.pdf>

#### VII. Deadline for application submission

- Applications with attachments shall be sent by e-mail by **May 15th, 2024** to the following address: [jobs@ifj.edu.pl](mailto:jobs@ifj.edu.pl) with the note „**Adiunkt/post-doc/AP-N223/24**”
- The employment recommendation from the two referees shall be sent directly, bypassing the candidate, to the following e-mail address: [jobs@ifj.edu.pl](mailto:jobs@ifj.edu.pl)

#### VIII. Conclusion of the competition

- Interviews with candidates shall take place from **June 10<sup>th</sup>, to June 12<sup>th</sup>, 2024**. Candidates qualified for interviews shall be notified by e-mail about the exact date of the Interview **by May 24<sup>th</sup>, 2024**. During the interview the candidate shall be required to give a presentation, **stored on a pen drive**, lasting 10 minutes at maximum which shall presenting candidate's most important achievement,
- The competition shall be concluded **by June 28<sup>th</sup>, 2024**.
- Each candidate shall be notified by e-mail about the results of the competition.
- **The final decision on employing and salary shall be taken by IFJ PAN Director.**

#### IX. Contact

All questions can be sent by e-mail to the IFJ PAN Employment Department ([jobs@ifj.edu.pl](mailto:jobs@ifj.edu.pl)).