

Krakow, February 26, 2024


The Henryk Niewodniczański Institute of Nuclear Physics Polish Academy of Sciences

announces a competition for the position

ADIUNKT /tenure/ - AT-NZ37/24

in Department of Molecular Magnetism /NZ37/

Division of Condensed Matter Physics /NO3/.

Deadline for application :	Przewidywany termin zatrudnienia:	Type of contract:	Number of positions:	Application address:
May 15th 2024	Second half of 2024 for indefinite period	contract of employment, full-time at IFJ PAN as the only place of work	1	 jobs@ifj.edu.pl

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

I. Keywords:

Molecular magnetism, materials synthesis, magneto-structural correlations

II. Description:

A person employed as an adiunkt-tenure (assistant professor) for an indefinite period at the Department of Molecular Magnetism – NZ37 at IFJ PAN will be obliged to participate in work on research topics and projects implemented and planned for the nearest period at the NZ37 Department.

The basic tasks of the employed person will include: design, synthesis and testing of physical properties of new molecular magnets with particular emphasis on magnetic properties (SQUID magnetometry), performing magneto-structural correlation of new magnetic molecular materials.

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:

- habilitated doctor's degree in physical sciences or related disciplines, or a doctoral degree in physical sciences or related disciplines with scientific achievements that largely meet the requirements for candidates for the habilitated doctor's degree,
- qualifications necessary to carry out research tasks carried out at NZ37,
- experience in conducting experimental research and obtaining new molecular materials,
- experience in the characterization of molecular materials, in particular structural, magnetic and spectroscopic techniques,
- experience in the analysis of experimental data (OriginLab software or equivalent),
- knowledge of the research topics of the Department of Molecular Magnetism,
- very good knowledge of spoken and written English.

Welcome:

- experience in working with cryogenic liquids (liquid helium),
- scientific publications from the JCR list on topics related to the activities of the NZ 37 Department.



IV. Salary offered

A person employed for an indefinite period as an Assistant Professor will receive a monthly basic remuneration from **PLN 5,800.00 gross**, which depends on the candidate's achievements and academic degree. 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 NZ37 Department, prof. Magdalena Fitta 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 employment recommendation 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 with the note „**Adiunkt/tenure/AT-NZ37/24**”
- The employment recommendation from the two referees shall be sent directly, bypassing the candidate, to the following e-mail address: jobs@ifj.edu.pl

VIII. Conclusion of the competition

- Interviews with candidates shall take place from **June 10th, to June 12th, 2024**. Candidates qualified for interviews shall be notified by e-mail about the exact date of the Interview **by May 24th, 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, research and team building plans,
- The competition shall be concluded **by June 28th, 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).