



Job ID: #JOB 7/2024

Job Description

Job Title: professor, associate professor or assistant professor in experimental atomic, molecular or optical physics

Job Summary:

The Institute of Physics of the Polish Academy of Sciences announces a thematically open call for a research position carried out within the programme of extending research topics into new and promising directions. The successful candidate is expected to join the Laser Spectroscopy Team, where he/she will pursue a proposed experimental research topic, accepted by the competition committee. Depending on individually negotiated conditions, the implementation of the research may be carried out independently or in collaboration with other IF PAN staff, by using the candidate's own or the existing apparatus, laboratory infrastructure and workshop facilities in the Spectroscopy and Radiation Division. In all cases, it is expected that the candidate will actively work towards obtaining additional external funding for both new equipment and the development of scientific and scientific-technical staff. The offer is addressed to those with experience in experimental research who are willing to undertake the development of their own subject related to atomic, molecular or optical physics.

During the first two years of the research, the group at the Institute of Physics of the Polish Academy of Sciences will provide the necessary consumables for, among others, lasers (gases, dyes, solvents).

Detailed description of the apparatus available at the workplace.

The Institute of Physics PAS provides the use of the following apparatus:

Pulsed lasers (10 ns pulses):

- IPEX-848 Light Machinery excimer laser repetition rate up to 200 Hz, pulse energy 200mJ@307nm
- Boston_500 Nd-YAG laser repetition rate 20 Hz, 440mJ@1064nm, 240mJ@532, 130mJ@355
- Several tunable dye lasers: Lumonics HD-500, Radiant Dyes NarrowScan, Sirah Cobra Stretch with frequency doubling
- All dye lasers are computer or manually tunable; spectral range available from 210 nm to near infrared

Continuous (cw) operation lasers:

- Three Coherent 899 Ring dye lasers, single-mode, in full opto-electronic option
 - Two Lighthouse SPROUT pump lasers, 8W@532nm
 - Single-mode diode lasers (ECDL) from Toptica DL_100 and DL_Pro at 780nm and 856nm
 - Several single-mode EDLC diode lasers, home-made for non-standard wavelengths. They allow (new diode) conversion to single-mode generation at other wavelengths.
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Other optical apparatus:

- WS7 wavemeter (HighFinesse) with PID module for active wavelength stabilisation of diode and ring lasers
- Bruker Vertex 80v Fourier spectrometer with optics and several detectors covering the range 400cm^{-1} - 50000cm^{-1}
- Various photomultipliers and monochromators from Carl Zeiss Jena (DDR)

Main research field: Physics

Sub Research Field: Atomic, molecular, optical physics (experimental)

Career Stage: Experienced researcher or 4-10 yrs (Post-Doc)

Research Profile ([details](#)): Recognised Researcher (R2), or Established Researcher (R3), or Leading Researcher (R4)

Type of Contract: 2 years with the possibility of renewing on a permanent contract.

Status: Full-time

Requirements:

- Academic title of professor (prof. dr hab.), or dr hab. degree or dr degree in physics or related discipline
- Scientific experience relevant to the position documented by publications;
- Presentation of scientific plans related to the current announcement
- Knowledge of physics at an academic level;
- Knowledge of the English language, both spoken and written, allowing for scientific contacts, applying for grants, writing publications, etc.
- Reliability and diligence in work, creativity, ability to work in a team.

Salary depending on the position and qualifications.

- Full professor: 9 370 PLN per month gross
- Associate professor (*Institute professor*): 7 777 PLN
- Assistant Professor (*adiunkt*): 6 840 PLN

In addition, there is an increase according to PAN regulations for years of work, and bonus payments are made for high quality scientific publications.

If external funding is obtained, the salary is increased from the grant funds for the duration of the grant.

Contact

More information can be obtained from prof. dr hab. Włodzimierz Jastrzębski (e-mail: jastr@ifpan.edu.pl). We strongly recommend contacting us before applying.

Application details

Application deadline: Continuous recruitment; submissions will be considered on a continuous basis.

Required materials:

- Curriculum Vitae
- List of publications
- Cover letter including scientific plans related to the current announcement. In the case of applicants without a habilitation degree, including indications of scientific independence or of plans for obtaining a habilitation.
- Contact addresses of two scientists familiar with the candidate's achievements
- If applicable, documents proving academic internships abroad (relative to the country where the doctorate was obtained)
- Consent to the processing of personal data
- A document certifying the doctoral degree, issued by an institution recognised in Poland. In the case of institutions whose diplomas are not recognised in Poland, the Institute of Physics of the Polish Academy of Sciences will carry out the procedure for the nostrification of the diploma.
- If relevant, habilitation and professor diplomas

All materials should be submitted in electronic form to the address: rekrutacja@ifpan.edu.pl with Job ID in the subject.

DATA PROCESSING UNDER CONSENT FOR THE PURPOSES OF RECRUITMENT

Under Art. 13 sections 1 and 2 of the Regulation of the European Parliament and of the 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 (General Data Protection Resolution), EU OJ L 119 of 04.05.2016, page 1, as amended, hereinafter referred to as "GDPR", we hereby inform as follows:

1. The Data Controller of the provided personal data is the Institute of Physics of the Polish Academy of Sciences, Al. Lotników 32/46, 02-668 Warsaw, phone (22) 116-2111, e-mail director@ifpan.edu.pl.
2. Contact details to the Data Protection Officer are as follows: e-mail iodo@ifpan.edu.pl
3. Your personal data shall be processed for the purpose of carrying out the recruitment process for the position of adiunkt/Institute professor/pofessor.
4. Processing of your personal data in scope of: full name, date of birth, correspondence address, information about education and course of past employment shall take place under Art. 22¹ § 1 of the Act of 26 June 1974 - Labour Code. In the scope in which you sent to us more personal data than indicated above, we process your data under the consent granted by you.
5. Your personal data shall be stored for 1 month from completion of the recruitment process. If you grant consent for processing of personal data for future recruitments, we shall process your data until withdrawal of the consent by you, however, no longer than for the period of 6 months from the day of submittal of the application by you.
6. Provision of the abovementioned data in the scope indicated above is a statutory requirement resulting from Art. 22¹ § 1 of the Act of 26 June 1974 - Labour Code, in the remaining scope it is voluntary. Failure to provide the data referred to in Art. 22¹ § 1 of the Act of 26 June 1974 - Labour Code precludes consideration of your candidacy for the offered position.
7. You have the right to access your personal data, to rectify them, erase them, restrict their processing.
8. You may submit a complaint to the Inspector General for the Protection of Personal Data.
9. You have the right to withdraw the consent to process your personal data in the scope in which they were provided at any time. Withdrawing the consent does not affect the lawfulness of processing carried out on the basis of consent before its withdrawal.

Consent content:

I grant my consent to the Institute of Physics of the Polish Academy of Sciences to process my personal data contained in the sent recruitment documents for the purpose of carrying out the recruitment process for the position of adiunkt/Institute professor/pofessor.

If you want us to consider your candidacy also in the future recruitment processes, please grant the additional consent:

I grant my consent to the Institute of Physics of the Polish Academy of Sciences to process my personal data contained in the sent recruitment documents in future recruitment processes taking place during 6 months from the day of appearance of this job advertisement.
