



About you

Essential qualifications, experience and knowledge

Master's degree in Physics, or a related field.

Essential skills and abilities

Strong background in quantum statistical mechanics and many-body theory.

Programming skills and experience with numerical computations.

Excellent written and oral communication skills, and ability to work both independently and as part of a team.

Desirable qualifications, experience and knowledge

Experience with open quantum systems, e.g. master equations and/or quantum stochastic calculus. Alternatively, experience with quantum optimal control and/or quantum information theory.

Familiarity with numerical tools for many-body quantum systems (e.g. exact diagonalization, tensor networks).

Desirable skills and abilities

Experience with version control and collaborative coding (GitHub).

What we offer

- Full-time fixed-term employment contract,
 - Salary: ca 8 000 - 8 900 PLN (gross) per month (depending on the candidate's qualifications and experience); additionally, the employee may be entitled to bonuses, awards, or other components of remuneration in accordance with the Remuneration Regulations in force at the Institute. The remuneration is determined and paid in accordance with the Remuneration Regulations in force at the Institute.
1. A scientifically stimulating research environment,
 2. A friendly and flexible work environment,
 3. Sharing knowledge and experience,
 4. Flexible working hours,
 5. A diverse and inclusive culture where mutual support, team work and respect are highly valued,
 6. Multisport card subsidy,
 7. Holiday subsidy
 8. Nursery and kindergarten subsidy

We will consider applications to work on a part-time and flexible basis wherever possible. We encourage you to discuss your flexible working needs during the interview process.



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Polish Academy of Sciences**

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HR EXCELLENCE IN RESEARCH

The CTP PAS operates in an all-inclusive environment irrespective of personal, physical, or social characteristics. Teamwork is highly valued, individual strengths are recognised and appreciated, and we are committed to advancing the careers of everyone.

Equality, respect, and openness are fundamental values in an academic environment, where diversity is essential. We strive to provide a safe and inclusive space for everyone who is part of our scientific community.

The CTP PAS has regulations for reporting violations of law and protection of whistleblowers.



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