



JAGIELLONIAN
UNIVERSITY
IN KRAKOW

Faculty
of Physics,
Astronomy
and Applied
Computer Science

Job type: scientific scholarship for PhD students

Requirements:

- The candidate must have the official status of a PhD student.
- Master's degree in physics or mathematics
- Experience in at least one of the following domains: functional analysis, spacetime geometry, quantum information, quantum foundations, quantum field theory.
- Experience in Mathematica and numerical simulations is welcome.
- Very good oral and written communication skills in English.

Project description:

- Research within the NCN Sonata BIS project "Beyond Quantum Gravity - principles, structures and phenomena". A brief project description can be found below.
- New research team lead by dr hab. Michał Eckstein with an ongoing collaboration in Gdańsk, Oxford, Stockholm and Waterloo (Canada).

Job conditions:

- A monthly net scholarship of 2'000 PLN is paid on top of the scholarship from the Doctoral School.
- The scholarship is granted for one year starting on 1 October 2024 and can be extended up to 4 years.
- Travel budget of 12'000 PLN/year for conferences and scientific visits.
- Personal laptop with an external monitor.

Required documents:

- Academic CV including: information on education and scientific activities, grades transcript, list of publications, presentations at conferences and seminars
- Documents confirming the status of the PhD student and Master's degree
- Motivation letter explaining the Candidate's interest in this project
- At least one recommendation letter
- Statement with information on the processing of personal data along with consent to their processing (document in Polish, can be downloaded below)

Application rules and important dates:

- Deadline for the submission: **26 July 2024**, 23:59 CET. Application should be sent via e-mail to the Principal Investigator: michal.eckstein@uj.edu.pl.
- An interview with selected candidates is expect to take place online.
- The decision of the recruitment commission will be announced by 12 August 2024.
- The details on the admission rules to the Doctoral School of Exact and Natural Sciences in physics at the Jagiellonian University in year 2024 can be found here: https://science.phd.uj.edu.pl/en_GB/join/physics.
- Candidates who would like to apply to the Doctoral School this year are kindly requested to send the required documents to the PI before **7 June 2024**, 23:59 CET.

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