



UNIwersytet Jagielloński  
w Krakowie

**COMPETITIVE SELECTION PROCESS NOTIFICATION**

**THE DEAN OF THE  
FACULTY OF Physics, Astronomy and  
Computer Sciences**

Registered office Łojasiewicza 11, 30-348  
Krakow, Poland  
Phone: Fax:(48) 12 664 4890

Krakow, July 20, 2020

**RECTOR  
of the Jagiellonian University**

**announces a competitive  
selection process for the post of  
an ASSISTANT PROFESSOR  
in the research staff / research and faculty staff member group**

at the Institute of Theoretical Physics  
of the Faculty of Physics, Astronomy and Computer Science  
**within the scope of National Science Centre (PL) Project OPUS 18  
2019/35/B/ST2/00034**

The competitive selection process is open for all individuals, who meet the requirements set out in Articles 113 and 116.2.3) of the Act of 20 July 2018 – Law on Higher Education and Science, and who meet the following eligibility criteria according to § 165 of the Statute of the Jagiellonian University:

PhD in physics with degree awarded not earlier than 7 years before the moment of commencing the employment (maternity leaves, military service period, other documented breaks of career extend the limit), good knowledge of quantum mechanics, some knowledge/experience in many-body physics and/or condensed matter theory and/or cold atoms and/or tensor networks. Efficiency in computer programming (Python, C etc.) and good English language skills.

Job description: The successful candidate will implement different analytic and numerical tools aiming to study phenomenon of many-body localization (or in a broader scope – nonergodic behavior) in models primarily based on cold-atom settings.

Terms of employment: Initial duration of 12 months which may be extended up to total of 4 years. Salary 150 000 Polish zloties per annum (brutto) yielding about 8500 zloties per month after taxes on average. Costs of living in Poland are significantly lower than in “old Europe”. Paid holidays (36 working days per annum). Additional funds available for participation in top international conferences within Europe. The candidate is expected to actively interact with the group of PI (Jakub Zakrzewski) at the institute as well as collaborators in Europe (Barcelona, Paris, Saarsbrücken).

Applicants should submit a short motivation letter, CV with a list of publications, two recommendation letters and information about processing of the personal data – see below – to [jakub.zakrzewski@uj.edu.pl](mailto:jakub.zakrzewski@uj.edu.pl) with annotation – postdoc-application.

**Opening date:** August 25, 2020.

**Application submission deadline: September 15, 2020 (or until the position is filled).**

The competitive selection process will be concluded by September 30, 2020 (or later if necessary)

The Jagiellonian University does not provide housing.

**Statements forms (in Polish and English) can be obtained at:**

<http://www.dso.uj.edu.pl/druki-do-pobrania/dokumenty-dla-kandydatow-pracownikow>

On behalf of  
the Rector of the Jagiellonian University

Dean of the Faculty of .....