



UNIWERSYTET  
JAGIELLOŃSKI  
W KRAKOWIE

**Kraków, 22.08.2022**

**PhD student in Quanterra 21 grant**

**„DYNAMITE - Next Generation Quantum Simulators: From DYNAMIcal  
Gauge Fields to Lattice Gauge ThEory”**

**PI: Jakub Zakrzewski**

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PhD position within the grant with the above title is available at Atomic Optics Department. The successful candidate should have a PhD student status within a PhD School at Jagiellonian University (or elsewhere in Poland) and have an enthusiasm for hard work and for expanding their already significant knowledge of quantum mechanics, lattice gauge theories, atomic physics and numerical methods with applications to physical problems. The work will be done primarily in Atomic Optics Department, Institute for Theoretical Physics, Jagiellonian University with a possible collaboration with other groups within the DYNAMITE consortium under the leadership of prof. Maciej Lewenstein (Barcelona).

Application via email to [jakub.zakrzewski@uj.edu.pl](mailto:jakub.zakrzewski@uj.edu.pl) will be collected till September 5 with the decision till September 15. Candidates may expect an on-line interview.

The stipend of 3000 PLN monthly (free of tax) will be offered for 1 year with the possible extension for 3 years of the grant.

Instytut

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