

Competition for postdoc position in the project **NCN SONATA BIS nr UMO/014/14/E/ST3/00256, entitled: "Macroscopic quantum effects, emergence, and quantum criticality in graphene and other Dirac systems"**

**Unit name:** Faculty of Physics, Astronomy and Applied Computer Science, Jagiellonian University, Kraków

**Position name:** postdoc position

**Requirements:**

- PhD in physics
- documented scientific achievements including journal articles
- experience in theoretical studies of electronic properties and quantum transport in graphene, bilayer graphene, or other Dirac materials
- knowledge of English allowing to prepare a scientific article and to deliver a lecture
- in the case of admission, the Jagiellonian University will be the only place of work of the candidate.

The deadline for applications: **23rd of April 2019**

Application should be sent by e-mail to: [condensed.matter@uj.edu.pl](mailto:condensed.matter@uj.edu.pl); selected candidates may be asked for a supplementary teleconference interview

Terms of employment: contract of employment

Duration: 12 months

Starting date: June 2019

Salary: according to NCN rates (*Pre tax*: 10 000 PLN/month; approx. 5500 PLN/month net salary)

**The application for the scholarship must include:**

1. Cover letter
2. Curriculum vitae  
(please include in your CV the following annotation: „In accordance with Article 6(1)(a) of the General Data Protection Regulation of 27 April 2016 (Journal of Laws of the EU L 119/1 of 4 May 2016) I agree to the processing of personal data other than those indicated in Article 221 of the Labour Code (name(s) and surname; parents' names; date of birth; place of residence; address for correspondence; education; previous employment), included in my job offer for the purpose of current recruitment.”)
3. Personal questionnaire\* (**file**: Kwestionariusz osobowy dla osoby ubiegającej się o zatrudnienie, **Plik doc PL/EN**)
4. Copy of PhD diploma
5. List of publications (including: publisher, number of pages)
6. Information about possible didactic activities,
7. Opinion of the academic supervisor about the candidate's scientific activity
8. Declaration that the Jagiellonian University will be the main place of employment in the event of winning the competition\* (**file**: Oświadczenie o miejscu pracy, **Plik doc PL/EN**)
9. Declaration pursuant to article 113 of the Act of 20 July 2018 Law on Higher Education and Scientific Activity (Journal of Laws of 2018, item 1668\* (**file**: Oświadczenie w trybie art. 113 ustawy z dnia 20 lipca 2018 Prawo o szkolnictwie wyższym i nauce **Plik doc PL/EN**))
10. Statement on the consent to be included in the staff minimum for the purposes of establishing / running a higher education degree, if the competition is won.
11. Statement on the knowledge and acceptance of rules regarding intellectual property and legal protection of intellectual property\* (**file**: Oświadczenie o własności intelektualnej **Plik doc PL/EN**)

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**\*Statement forms can be downloaded on the website:**

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

The competition committee, after collecting the offers, will qualify the candidates on the basis of submitted documents. The Commission may also invite selected candidates for interviews. Candidates will be individually informed about the results of recruitment and possibly about the date of interviews.

Jagiellonian University does not provide housing.