

**6-months scholarship at Jagiellonian University in Kraków
within the Maestro project
“Uncertainty relation and Multipartite entanglement”
Number 2015/18/A/ST2/00274 funded by Polish National Science Centre**

Principal Investigator: Karol Życzkowski
e-mail: karol.zyczkowski@uj.edu.pl
www: <https://chaos.if.uj.edu.pl/~karol/>

Requirements:

1. Holding of a bachelor or master degree in physics preferentially with specialization in theoretical physics;
2. Wish to contribute actively to the goals of the project while preparing her/his Master or PhD Thesis in theoretical physics
3. An additional advantage will be:
 - a) experience in theory of quantum information
 - b) knowledge of mathematical physics and strong analytic skills
 - c) experience in numerical methods.

Project title: *Uncertainty relations and quantum entanglement*

The project: The goal of the project is to generalize existing uncertainty relations and to apply obtained results in investigation of multipartite quantum entanglement.

Conditions of fellowship:

gross monthly fellowship: around 2.500,00 PLN
6 months - preferable starting date: December 2022

Applications should be sent by email to: karol.zyczkowski@uj.edu.pl
not later than November 29, 2022

The candidates can be called for online interview.

The candidates, who would like to take part in the competitive selection process, should submit the following documents to Principal Investigator via e-mail:

1. Application form;
2. CV including information on the candidate's scientific achievements;
3. copy of the Bachelor or Master diploma
4. copy of the Bachelor or Master Thesis;
5. recommendation letter concerning the candidate's research prepared by scientific supervisor is optional;
6. information regarding processing of personal data.

INFORMATION ON DATA PROCESSING

in the competitive procedure and the agreement for the implementation of research and funding of a scholarship awarded by the National Science Center

According to the Art. 13 of the Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data (...) (General Data Protection Regulation, hereinafter referred to as "GDPR") Jagiellonian University informs that:

1. **The controller** of your personal data is Jagiellonian University, Gołębia 24 Str., 31-007 Kraków, represented by the JU Rector.

2. The controller's representative designed for this purpose is the **Data Protection Inspector**, Gołębia 24 Str., 31-007 Kraków, office 31. You may contact him through his e-mail: iod@uj.edu.pl, or by phone: 12 663 1225.

3. Your personal data will be processed according to the Art. 6.1. b) **in order to** carry out the necessary procedures for the scholarship competitions, the award of scholarships in research projects funded by the National Science Centre, and in the case of election of a Scholarship Holder in connection with the conclusion of an agreement for the scholarship payment and activities related to the collection of scientific scholarship according to the Regulations for granting scientific scholarships in the scientific projects funded by the National Science Centre, the project grant agreement "....." (Hereinafter referred to as the "Project"), under which is the competition for the position of Scholarship Holder.

4. Providing personal data is voluntary, but necessary to participate in the recruitment procedure, and in case of being accepted - is a condition for signing a project financing agreement and implementation of an agreement for the scholarship payment.

5. The recipients of your personal data **will be**: the National Science Centre based in Krakow, institutions evaluating or controlling the correct implementation of the project within which the agreement was concluded, auditors acting in accordance with the law or on behalf of Jagiellonian University, institutions such as the Supreme Chamber of Control, the competent tax office and the Social Insurance Institution, other entities authorized to obtain data on the basis of the law and the grant agreement concluded with the National Science Centre.

6. Your personal data will not be transferred to third countries (outside the European Economic Area) or to international organizations. If, however, your data in the recruitment process is transferred to the Jagiellonian University in an electronic version, they can be processed in the Office 365 OneDrive cloud based on the entrustment agreement between the Jagiellonian University and Microsoft and on the basis of a document called the "Privacy Shield" implemented by Microsoft.

7. Your personal data **will be processed for the period**: until the completion of the project and settlement of the project financing agreement concluded with the National Science Centre, and then until the expiry of the period of prescription under the grant agreement; for archiving purposes - for a period of time prescribed by law.

8. You have the **right to**: obtain information about the processing of personal data and rights granted in accordance with the GDPR, access to your data and its rectification, as well as the right to delete personal data from the administrator's bases (unless further processing is necessary for the implementation of legal obligation or to establish, investigate or defend claims), and the right to limit the processing, data transfer, objecting to the processing - in the cases and on the conditions specified in the GDPR.

9. Your personal data will not be subject to automatic decision making or profiling.

10. You have the right **to complain to the President of the Office for Personal Data Protection** in the event of recognition that the processing of your personal data violates the provisions of the GDPR.

I confirm that I have read and accept the information above.

.....
place, date, signature