**APPLICATION FOR Phd SCHOLARSHIP**

|  |  |
| --- | --- |
| **NAME/SURNAME** |  |

I, the undersigned hereby request for granting me a Phd scholarship for a young scientist in the framework of the project entitled "Mechanistic explanation of a generation of (and deviations from) the universal curve of the Earthquake Recurrence Time Distribution by means of constructions of solvable stochastic cellular automata and their analytical description.” implemented in the [Department of Geophysical Imaging](http://hydepark.igf.edu.pl/~agorszczyk/zos/), at the Institute of Geophysics.

|  |  |  |
| --- | --- | --- |
| **Scientific field** | **Master’s degree** | |
| **obtained** | **in the process (to be obtained before the start of doctoral studies)** |
| **Physics** |  |  |
| Mathematics |  |  |
| Geophysics |  |  |
| Another related - what .................................. |  |  |

**Requirements:**

|  |  |  |
| --- | --- | --- |
| **Requirement** | **YES (I meet the requirement) or NO (I don to meet the requirement)** | **Comment** |
| Basic knowledge of earthquakes |  |  |
| Experience in the field of stochastic processes or statistical physics |  |  |
| The ability to use the Mathematica program in the field of numerical calculations and simulations |  |  |
| Good knowledge of English |  |  |

**Additional requirements:**

|  |  |  |
| --- | --- | --- |
| **Requirement** | **YES (I meet the requirement) or NO (I don to meet the requirement)** | **Comment** |
| Experience in modeling of complex systems |  |  |

**Science achievements:**

|  |  |  |
| --- | --- | --- |
| Reputable publications (participation) | | |
| Title of the publishing house | Theme of publication | Publication date/ISBN |
|  |  |  |
|  |  |  |
|  |  |  |
| Publication in reputable journals | | |
| Title of the journal | Theme of publication | Date and publication number |
|  |  |  |
|  |  |  |
|  |  |  |
| Other science achievements | | |
|  | | |
|  | | |
|  | | |

**Awards resulting from academic research, scholarships, awards and research experience gained outside the home scientific unit in the country or abroad, workshops and scientific training, participation in research projects**:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Conducted research / participation in research projects | | | | | |
| Implementation period | Subject | | | | Under the guidance of (name, surname, academic title) |
|  |  | | | |  |
|  |  | | | |  |
|  |  | | | |  |
| Scholarship | | | | | |
| Period of receiving | Awarded on the following basis: | | | | Awarded by: |
|  |  | | | |  |
|  |  | | | |  |
|  |  | | | |  |
| Awards | | | | | |
| Year | Awarded on the following basis | | | | Name of award/Awarded by |
|  |  | | | |  |
|  |  | | | |  |
| Experience gained outside the home research unit -in Poland | | | | | |
| Name of research unit | | | Cooperation period | | Short description of cooperation |
|  | | |  | |  |
|  | | |  | |  |
|  | | |  | |  |
| Experience gained outside the home research unit – other countries | | | | | |
| Name of research unit | | Cooperation period | | Short description of cooperation | Name of research unit |
|  | |  | |  |  |
|  | |  | |  |  |
|  | |  | |  |  |
| Workshop and science trainings | | | | | |
| Date (or year) | | | Subject | | Location |
|  | | |  | |  |
|  | | |  | |  |
|  | | |  | |  |

I hereby declare that all the information about my achievements and accolades are true. I declare my willingness to carry out research tasks arising from the above project scope, agreed with the Project Manager. I declare I’m ready to submit annual reports on the work performed in accordance with the principles of professional ethics. I declare my availability throughout the duration of the project, i.e. from the signing of a contract, up to 13.06.2021.

**……………………………………………….**

*Date, signature*