

GROUP OF MATHEMATICAL PHYSICS of the UNIVERSITY OF LISBON, PORTUGAL

Call Notice for PhD Studentships

The Group of Mathematical Physics of the University of Lisbon (GFMUL), Faculty of Sciences, Portugal, (<http://gfm.cii.fc.ul.pt/en>) opens a call to award two (2) PhD research grants, financed by the Foundation for Science and Technology (FCT) within the collaboration protocol for financing the multiannual plan for scholarships for doctoral students, signed between FCT and the research unit GFMUL.

PhD studentship grants are intended to fund the research activities of the studentship holder, carried out to earn a doctoral degree in Mathematics in a doctoral Program of a school of the University of Lisbon.

Research activities leading to the doctoral degree will take place at the Research Unit, under the supervision of one of its integrated members, without prejudice to the work being carried out in collaboration with other institutions.

As a rule, the duration of the PhD studentship is annual, renewable up to a maximum of four years (48 months) and cannot be granted for a period of less than 3 consecutive months.

Submission of Applications

1. The present call will be open from 31/05/2021 to 09/07/2021, 23h (Lisbon time).

2. Applications will be submitted to the email address jczambrini@fc.ul.pt (or anabelacruz@ictp.academy).

3. To apply for the PhD studentship, it is necessary:

- To have a bachelor's ("licenciado") or master's degree in Mathematics or in a related area;
- To not have benefited from a PhD studentship, or business PhD studentship, funded directly by FCT, regardless of its duration.

4. It is absolutely necessary, under penalty of not being admitted to the call, to attach the following documents to the application:

- Copy of the identity card/citizenship card/passport;
- Applicant's Curriculum Vitae;
- Certificates of all academic degrees held by the candidate specifying the final grades and, if possible, the grades obtained on all courses taken. Alternatively, a declaration of honor signed by the applicant stating that a first cycle (bachelor), "licenciado" or master's degree was concluded before the deadline for application;
- Registration of academic degrees awarded by foreign institutions and conversion of the corresponding classifications to the Portuguese scale or, alternatively, a declaration of honor signed by the applicant stating that such registration was obtained before the deadline for application;

- A motivation letter with a detailed and justified explanation of a research topic which is of interest to the applicant and listed among the scientific areas of research of the GFMUL unit;

- Two confidential recommendation letters;

- The application and all associated documents, including the letter of motivation, must be written in Portuguese or English.

The following should be noted regarding the above mentioned admissibility requirements:

o In the case of academic degrees awarded by foreign higher education institutions, and in order to guarantee that the principle of equal treatment is used to applicants who hold foreign and national academic degrees, these degrees must be recognized and the conversion of the respective final grade to the Portuguese classification scale must be completed until the end of the application period. If the recognition of a degree is automatic, applicants may present proof of their request until the end of the application period. The recognition of foreign academic degrees and diplomas as well as the conversion of the final grade to the Portuguese classification scale can be obtained from any public higher education institution or from the Directorate-General for Higher Education (DGES, only in case of automatic recognition). Regarding this matter, please consult the DGES portal through the following website:

<http://www.dges.gov.pt>

o Only applicants who have completed the cycle of studies leading to the “licenciado”, 1st cycle or master’s degree by the end of the application period will be admitted. If applicants do not have the certificate of completion of a degree at a national educational institution yet, a declaration of honor from applicants will be accepted stating that they will complete the necessary qualifications for the purposes of the call by the end of the application period. Granting of the studentship will always be dependent on the presentation of proof of the academic qualifications required to award the studentship.

Evaluation Criteria

The evaluation process assesses the applicant’s merit, curriculum and letter of motivation.

Applications considered admissible will be evaluated according to a score from 0 to 20 (zero to twenty) in each of the following evaluation criteria:

- Criterion A - Scientific evaluation, with weight 85%

Subcriterion A1 - Classification obtained in the last academic degree, with weight 35%

Subcriterion A2 - Mean of the classifications obtained in the courses of the last year of studies, with weight 35%

Subcriterion A3 - Curriculum Vitae, with weight 30%

- Criterion B - Motivation, with weight 15%

For the final studentship award decision process, the applicants will be ranked according to the following weighted formula:

$$\text{Classification} = 0.85 \times ((0.35 \times A1) + (0.35 \times A2) + (0.3 \times A3)) + 0.15 \times B$$

In the event of a tie in the final rank, the order of the candidates will be determined on the basis of the marks obtained by the following order: Criterion A, Criterion B.

- o Applicants with foreign degrees who do not show proof of conversion of the final grade to the Portuguese classification scale will be awarded the minimum classification 14 in criterion A, subcriterion A1.

- o In any case, studentship contracts with applicants having degrees issued by foreign institutions will only be concluded upon presentation of proof of recognition of academic degrees and conversion of the final grade, as indicated above.

Applicants whose application is evaluated with a final classification below 14 points are not eligible for the studentship.

For any further information please e-mail Professor Jean-Claude Zambrini
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or Prof. Ana Bela Cruzeiro
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