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POLYTECHNIC OF PORTO (P.PORTO) ANNOUNCEMENT FOR THE AWARD OF (NO.) ONE RESEARCH GRANT REF: PORTIC/CYBERSSECIP/BI/2023/01

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Apply

16 Mar 2023

Job Information

| | |
|----------------------|--------------------------------------------------------------------------|
| Organisation/Company | POLYTECHNIC OF PORTO (P.PORTO) |
| Department | PORTO ACCOUNTING AND BUSINESS SCHOOL (ISCAP) of the Polytechnic of Porto |
| Research Field | Engineering |
| Researcher Profile | First Stage Researcher (R1) |
| Country | Portugal |

| | |
|-------------------------------------------------------------------------------|------------------------------------|
| Application Deadline | 3 Apr 2023 - 23:59 (Europe/Lisbon) |
| Type of Contract | Temporary |
| Job Status | Full-time |
| Hours Per Week | 35 |
| Offer Starting Date | 1 May 2023 |
| Is the job funded through the EU Research Framework Programme? | H2020 |
| Reference Number | PORTIC/CYBERSSECIP/BI/2023/01 |
| Is the Job related to staff position within a Research Infrastructure? | No |

Offer Description

POLYTECHNIC OF PORTO (P.PORTO)

ANNOUNCEMENT FOR THE AWARD OF (No.) one RESEARCH GRANT

Ref: PORTIC/CYBERSSECIP/BI/2023/01

A call is open for (number) one research grant(s), under the Project/Research Unit CYBERSECURITY SCIENTIFIC COMPETENCES AND INNOVATION POTENTIAL (CYBERSSECIP, NORTE-01-0145-FEDER-000044), funded by EUROPEAN REGIONAL DEVELOPMENT FUND (ERDF) THROUGH NORTE 2020 (2014–2020 NORTH PORTUGAL REGIONAL OPERATIONAL PROGRAMME, under the following conditions:

1. SCIENTIFIC AREA

Informatics Engineering

1. ADMISSION REQUIREMENTS

1. –General admission requirements for the research grant:

1. Being a Portuguese citizen or a citizen of another Member State of the European Union;
2. Being a citizen of Third State.
3. Being a Stateless person or holder of political refugee status.
4. Holding one of the following academic conditions: Type 1

Type of situations to be considered:

1) Being a student enrolled in an integrated master's degree, a master's degree or a doctoral degree, aiming at the consolidation of scientific training through the development of research work leading to the respective academic degree regardless of if it is integrated in R&D projects or not.

2) Being a graduate or master who is enrolled in courses that do not confer an academic degree integrated in the educational project of a higher education institution, developed in association or cooperation with one or

more R&D units.

1. For situations of type 2), applicants who have obtained the degree abroad must have it recognized in Portugal and provide the conversion of the respective final classification to the Portuguese classification scale, pursuant to Decree-Law No. 66/2018, of 16th of August.

2.2 – Specific requirements:

THE CANDIDATE MUST HAVE A DEGREE IN COMPUTER ENGINEERING.

2.2 – Preferred factors:

- A) KNOWLEDGE AND EXPERIENCE IN BLOCKCHAIN TECHNOLOGIES;
- B) PREVIOUS EXPERIENCE IN A RESEARCH AND DEVELOPMENT ENVIRONMENT;
- C) EXPERIENCE WITH DISTRIBUTED SYSTEMS;
- d) EXPERIENCE IN SOFTWARE DEVELOPMENT AND IMPLEMENTATION.

1. WORK PLAN

Collaborate on the project tasks, namely:

- A) DEVELOPMENT OF MODELS, ALGORITHMS AND MECHANISMS FOR REPUTATION EVALUATION IN E-COMMERCE OR COLLABORATIVE NETWORKS IN GENERAL;
- B) DEVELOPMENT OF INTERFACES FOR INTEGRATION INTO CMS.
- C) VALIDATION OF SCIENTIFIC CONTRIBUTIONS BASED ON A PROOF-OF-CONCEPT IMPLEMENTATION.

1. APPLICABLE LEGISLATION AND REGULATIONS

- Law No. 40/2004, of August 18, as amended by Decree-Law No. 202/2012, 27th of August, by Decree-Law No. 233/2012, of 29th of October, by Law No. 12/2013, of 29th of January, by Decree-Law No. 89/2013, of 9th of July, and by the Decree-Law No. 123/2019, of 28th of August.
- Article 37 of Decree-Law No. 63/2019, of 16th May.
- FCT Research Grants Regulation, I. P., No. 950/2019, of 16th of December, altered by Regulation No. 643/2021, of 14th of July.
- PORTO's Research Grants Regulation (P.PORTO/P-001/2020), approved by the Order P.PORTO-P-015-2020, of 18th of May.

1. SCIENTIFIC SUPERVISION AND WORKPLACE:

Scientific SUPERVISOR (name): RUI HUMBERTO PEREIRA E MARIA JOSÉ ANGÉLICO GONÇALVES

The work will be developed in the School / Research Unit Porto Accounting and Business School (iscap) of the Polytechnic of Porto

Street RUA JAIME LOPES AMORIM, S/N City MATOSINHOS Postal Code 4465 - 004

Contacts: phone number (+351) 229050000 e-mail INSTITUTO@ISCAP.IPP.PT Website INSTITUTO@ISCAP.IPP.PT

1. WORKING PERIOD AND SYSTEM

SIX-month scholarship contract, possibly renewable for periods of months, up to the maximum limit provided for in the Regulation /project execution deadline, on an exclusive basis, in accordance with the applicable regulations.

1. AMOUNT OF MONTHLY ALLOWANCE

The amount of the grant corresponds to €930,98, according to FCT's table (https://www.fct.pt/wp-content/uploads/2023/02/Tabela-de-Valores-SMM_202...), paid monthly, plus the reimbursement of voluntary social insurance, in accordance with the provisions of the Regulation.

1. METHOD OF SELECTION AND COMPOSITION OF THE JURY

8.1 – Methods of candidate selection:

The selection method to be used will be in accordance with the following selection criteria and corresponding evaluation:

SUBCRITERION 1: EVALUATION OF ACADEMIC AND SCIENTIFIC BACKGROUND (25%)

- AFFINITY OF THE CURRICULAR TRAINING WITH THE THEMES OF THE WORK PLAN
- WEIGHTING OF OTHER HIGHER EDUCATION ACTIONS
- OTHER MERITS

SUBCRITERION 2: EVALUATION OF SKILLS AND EXPERIENCE IN THE AREA OF CYBERSECURITY, COMMUNICATIONS IN DISTRIBUTED SYSTEMS, AND SIMULATION TOOLS (50%)

- SCIENTIFIC PUBLICATIONS AND TECHNOLOGICAL PRODUCTION
- EXPERIENCE IN PARTICIPATION IN RESEARCH AND DEVELOPMENT PROJECTS
- PROFESSIONAL EXPERIENCE
- EXPERIENCE IN THE IMPLEMENTATION OF BLOCKCHAIN SYSTEMS.
- SKILLS IN QUALITY OF SERVICE ANALYSIS OF NETWORKS AND DISTRIBUTED SYSTEMS USING SIMULATION TOOLS.
- OTHER MERITS

SUBCRITERION 3: INTERVIEW (25%)

- FLUENCY AND COMMUNICATION SKILLS, INCLUDING ENGLISH LANGUAGE (REQUIRED)
- CLARIFICATION OF EXISTING DOUBTS RELATED TO THE CURRICULAR AND EXPERIENCE AND SCIENTIFIC COMPONENTS (SUBCRITERIA 1 AND 2)
- ASSESSMENT OF CRITICAL THINKING AND COMPLEX PROBLEM-SOLVING SKILLS

8.2 – Tiebreaker Criteria:

In situations of an even final classification, the following tie-breaking criteria shall be applied, in descending order:

- GRADUATION YEAR
- DATE OF BIRTH

8.3 – Reasons for exclusion of applicants:

Candidates may be excluded from the competition for the following reasons:

1. Not holding the requirements set in the announcement of the competition (point 2.).
2. Obtaining a score of less than 9.5 in any of the evaluation components are considered excluded from the competition and will not be evaluated in the subsequent component(s).
3. Non-attendance of the applicant to the interview, when applicable, or his/her unwillingness to provide any additional clarifications that may be requested, will be deemed as a withdrawal from the application process.

8.4 – Composition of the Selection Jury:

President– DOUTOR RUI HUMBERTO RIBEIRO PEREIRA;

Effective Member – DOUTORA MARIA JOSÉ ANGÉLICO GONÇALVES, who substitutes the president in his absences and impediments

Effective Member – DOUTOR RICARDO AUGUSTO RODRIGUES DA SILVA SEVERINO

Alternate Member - DOUTORA MANUELA MARIA RIBEIRO DA SILVA PATRÍCIO

Alternate Member - DOUTOR ANTÓNIO JOÃO VIDAL CARVALHO

1. PUBLICATION/NOTIFICATION OF RESULTS

Applicants will be electronically notified of the competition results , through the e-mail address registered in the application, in accordance with the deadlines set forth in the P.PORTO Research Grant Regulations, and the minutes are obligatory stored by the jury in the support platform of this competition:

<https://www.ipp.pt/concursos/pessoal>

10. PERIOD OF APPLICATION AND SUBMISSION FORM

10.1. Period of application

(to be completed by DRH)

The call is open for a period of 10 working days, from 21/ 03/ 2023 to 03/ 03/ 2023.

Date of publication (to be completed by DRH):

10.2. Form of submission of applications

Applications must be formalized by completing the electronic application form, which is available at <https://www.ipp.pt/concursos/pessoal>

Submission must be made by until the end of the established deadline together with all the required documents.

Applications sent by e-mail or by any other electronic means other than the established one, will be excluded.

10.3. Application instruction documents

1) *Curriculum Vitae*;

2) Certificates of qualifications, or the corresponding recognition (with conversion of the respective final classification) when it awarded by foreign higher education institutions, without prejudice to the provisions of paragraph 1 of the following point.

3) Proof of enrollment in a study cycle leading to an academic degree or in a course that does not confer a degree, given the case of not being a student of P.PORTO, without prejudice to the provisions of paragraph 2 of the following point.

4) Declaration by the applicant stating, under honor, statement that:

(A) He/she is aware of the Research Grant Regulations of P.PORTO in force and commits to comply with it;

(B) Does not exceed, with the conclusion of the grant contract in question, the maximum period legally established, consecutive or non-consecutive.

5) Other documents that the candidate considers relevant.

10.4. Application Documents: Specific Conditions

The supporting documents referred to in number 2 of the previous paragraph of the type:

1) Academic degree(s) and diploma(s), or the corresponding recognition when awarded by foreign higher education institutions - mandatory whenever the title of degree is a condition for admission or selection criterion for Applicants, but may be waived in the application phase and replaced by a declaration of honor by the applicant, in cases where this condition only occurs at the stage of contracting the grant

2) Proof of enrollment in a study cycle leading to an academic degree or in a non-degree course, if he/she is not a student of P.PORTO - mandatory whenever the enrollment is a condition for admission, being that the grant will be subject to the existence of a valid enrollment within six months from the date of notification of approval in scientific evaluation.

11. DEADLINES AND PROCEDURES FOR COMPLAINTS AND APPEALS

From the final decision a complaint may be presented within 15 working days, or an appeal to the President of the P.PORTO within 30 working days. Both may be presented after the corresponding notification, under the terms of article 12 of the P.PORTO's Research Grant Regulation.

12. EXPENDITURE AUTHORIZATION

Request for Expense Authorization No. PAD-SC12929 SUBMITTED ON EM 2023-02-15, WITH DESCRIPTION "BOLSA DE INVESTIGAÇÃO NO PROJETO CYBERSSECIP 2023 (6 MESES)",

Project Reference 01050214 - CYBERSSECIP - NORTE-01-0145-FEDER-000044

Project title CYBERSECURITY SCIENTIFIC COMPETENCES AND INNOVATION POTENTIAL (CYBERSSECIP

Day 10 month march year2023. — The President of Polytechnic of Porto, Paulo Pereira.

Requirements

| | |
|------------------------|-------------------------------|
| Research Field | Engineering |
| Education Level | Bachelor Degree or equivalent |

Skills/Qualifications

As described in "Offer Description "

Specific Requirements

As described in "Offer Description "

| | |
|-----------------------|-------------|
| Research Field | Engineering |
|-----------------------|-------------|

Additional Information

Benefits

As described in "Offer Description "

Eligibility criteria

As described in "Offer Description "

Selection process

As described in "Offer Description "

Additional comments

As described in "Offer Description "

Work Location(s)

| | |
|-----------------------------------|-------------------------------------------------------------------------------|
| Number of offers available | 1 |
| Company/Institute | Unit PORTO ACCOUNTING AND BUSINESS SCHOOL (ISCAP) of the Polytechnic of Porto |
| Country | Portugal |
| State/Province | Porto |
| City | Porto |
| Postal Code | 4465 - 004 |
| Street | RUA JAIME LOPES AMORIM, S/N |

Where to apply

Website

<https://www.ipp.pt/concursos/pessoal>

Contact

State/Province

Porto

City

Porto

Street

Rua Dr. Roberto Frias, 712

Postal Code

4200-465

E-Mail

INSTITUTO@ISCAP.IPP.PT

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(+351) 229050000