H2020 Model Grant Agreement for
Marie Skłodowska-Curie Innovative Training
Networks (H2020 MGA MSC-ITN — Multi)

Department:	Human Resources Department, Research Committee AUTH	Thessaloniki, 09/12/2021
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Project Code.:	96971	

CALL FOR EXPRESSION OF INTEREST
(For submission of proposals for the conclusion of a project lease contract)

The Research Committee (Special Account for Research Funds) of Aristotle University of Thessaloniki, in the framework of the Innovative Training Network (ITN) project «RAIS: Real-time Analytics for the Internet of Sports», which is funded from the European Commission – HORIZON 2020, Marie Skłodowska-Curie, with Academic Head, Prof. Athena Vakali, invites candidates to submit proposals for one (1) position (through the award of a work contract), for 18 months with a total anticipated remuneration 67.508,82€ euro (VAT and taxes included). The contract can be extended until the end date of the project 30/06/2023 (in case of extension until its completion) and within the approved limits of its budget.

An Early Stage Researcher (ESR13) / duration 18 months/ up to 67.508,82€

1. Project Description

The project focuses on the design of decentralized, scalable and secure collective awareness platforms for real-time data analytics and machine learning, which preserve end-user privacy and information ownership. The RAIS consortium aspires to establish a fertile multidisciplinary research and innovation community with strong entrepreneurial culture that will advance wearable sport-sensing and quantified-self devices and accompanying middleware. The main objective of the RAIS Initial Training Network is to provide world class training for a next generation of researchers, data scientists, and Web engineers, emphasizing on a strong combination of advanced understanding in both theoretical and experimental approaches, methodologies and tools that are required to develop Decentralized Platforms for Real-Time Data Analytics. The selected candidate will conduct full-time PhD research. More information on the project can be found here: https://rais-itn.eu. The above tasks will be implemented mainly under WP4. Predictive Analytics for IoS.

Job Description

Framework for IoS performance analytics: Data analytics with emphasis on privacy sharing methodologies and techniques over intensive data frameworks.
More specifically:
   i) Investigate methods and models for characterizing wellness status and performance
   ii) Develop algorithms for data analysis and interpretation of behavioral norms & devices
   iii) Personal career development plan; Outreach activities; At least 4 scientific publications in conferences and journals which will contribute to the PhD manuscript

Expected Results:

The expected results are:
  i)   Personal career development plan
  ii)   Reports: Progress reports / Final report / Secondment reports
  iii) Participation in training activities Scientific publications / outline and semi-final PhD thesis version

The above work will be carried out within the framework of the Task 4.3:
T4.3 Well-being and Performance Analytics
And the deliverables will be mainly: D4.1 (Report on Predictive Analytics for IoS), D2.1 (Report on Security, Privacy and Trust), D5.4 (Personal Career Development Plans/Declarations of Conformity for each ESR) and D6. * (Workshop II "Security, Privacy and Trust for Wearable Devices", Summer School II " Edge computing and Blockchain", Hackathon, Workshop III "Data Analytics for the Internet of Sports", Summer School III organized with EIT Digital and Conference "Internet of Sports").
The recruited ESR will collaborate with the members of the research team Data and Web Science Lab (DataLab).

Travelling

In the frame of the project, the recruited researcher (ESR) will travel for training in partner institutions. In particular:
  - The recruited ESR will move for up to 5 months at a programme partner, working on the privacy sharing aspects on decentralized infrastructure, with the objective to work in relation to WP2 (Security, Privacy, and Trust).
  - The recruited ESR should attend 1 scientific summer school organized by the consortium, as well as the approximately 15 complementary seminars per year offered during the project's lifetime to acquire knowledge and skills and widen his/her career prospects.
  - The recruited ESR should attend 1 workshop and the conference organized by the consortium, as well as selected conferences to present his/her research work.
  - The recruited ESR should attend the 1 co-located hackathon and entrepreneurship event.
  - In general, the recruited ESR is expected to travel for the purposes of the project (conferences, etc.)

2. Required Qualifications

  - Bachelor's Degree in Informatics or equivalent.
  - Master's Degree in Informatics or equivalent.
  - Excellent knowledge of the English language (C2)
  - **Mobility Criterion:** The recruited ESR may not resided or carried out his/her main activity (work, studies, etc.) in Greece for more than 12 months in the last 3 years immediately before the recruitment (indicative starting date: February 2022). This criterion is more flexible in case of candidates who are characterized as refugees, according to the Geneva Conventions. Specifically, for these candidates, the period before they are officially given the refugee status is not taken into account as a residence/work period in the host country. The residence/work period will be calculated from the day they were given the refugee status.
  - The recruited ESR should at the date of recruitment be in the first four years of their research career. Namely, the recruited ESR should not have worked in academia (or equivalent full-time work at a research institution) or may have worked in academia (or equivalent full-time work at a research institution) for less than 4 years, and has not been awarded a doctoral degree (PhD). Full-time research work is taken into account after the awarding of a degree that allows for starting a PhD diploma, even if the ESR has never started or considered a PhD. Part-time research experience will be considered accordingly.
  - **Conditional Acceptance:** Students in their final year of Master education may also apply and if qualified, receive a conditional offer. If the applicant has not completed her/his studies, she/he should include a written statement from the degree administration office (or equivalent department), confirming that she is enrolled on the final year of her education and stating the expected completion date. If the applicant receives a conditional offer, the candidate should present the degree certificate upon enrolment.

3. Additional Qualifications

  - Interview.

4. Qualifications Assessment

	Qualifications criteria	Credits (Researchers)
1	Bachelor's Degree grade	grade * 40
2	Interview (The evaluation criteria can be found below along with the respective weights)	≤120

All the qualifications listed above are in relevance with the project requirements and objectives.

Candidates who meet all the requirements of the call for expression of interest will be invited for an interview (after being notified in writing via email). Candidates who do not attend the interview will be rejected.
The topics of the questions and the evaluation system to be used are defined below:

Project

	Topic	Knowledge Level / Evaluation Score	Maximum Score
1	Knowledge of Machine Learning algorithms and their applications e.g. supervised learning for sentiment analysis	No knowledge - 0 Beginner – 5 Intermediate - 10 Qualified – 15 Expert - 20	20
2	Knowledge of Big Data technologies for IoS (such as Apache Spark, Apache Flink, Hadoop, MongoDB, etc.)	No knowledge - 0 Beginner – 5 Intermediate - 10 Qualified – 15 Expert - 20	20
3	Knowledge of Big Data related challenges on streaming environments, such as IoS	No knowledge - 0 Beginner – 5 Intermediate -10 Qualified – 15 Expert - 20	20
4	Communication skills (interdisciplinary and intercultural communication)	No knowledge - 0 Beginner – 5 Intermediate - 10 Qualified – 15 Expert - 20	20
5	Proven teamwork skills	No knowledge - 0 Beginner – 5 Intermediate - 10 Qualified – 15 Expert - 20	20
6	Proven commitment to previous work, high motivation and autonomy	No knowledge - 0 Beginner – 5 Intermediate - 10 Qualified – 15 Expert - 20	20

Required Documents:

1. Submission of Proposal - Statement (see appendix)
2. Detailed Curriculum Vitae
3. Copies of the Degrees (Note: In case the specialization / direction do not result from the Degree, the Detailed Score should be attached. In cases where the degree is a grading criterion and is not indicated in the copy of the degree then the detailed score is submitted additionally)
4. Copies of certificates and certifications of previous service, as well as any other document that will certify the information mentioned in the CV and which are related to the Required or Additional qualifications-criteria of this call for expression of interest.
5. Copy of certificate of military stats or discharge papers / Copy of deferral of enlistment (for male candidates)

Note: If needed the selected candidates will be required to submit proof of the mobility criterion (See Required Qualifications)

Male candidates must have fulfilled their military obligations or have been legally discharged from them or have been deferred for the entire duration of the project. In case the time for which a deferral of enlistment has been received does not cover in its entirety the duration of the project, ELKE AUTh is obliged to terminate the respective contract at the expiration time of the above deferral. Both the contractor of the Special Account and the Academic Head Officer of the project are obliged to immediately inform ELKE AUTh one (1) month before the end of the deferral.

Proposals and required documents should be submitted either via e-mail to (info@csd.auth.gr) e-mail subject:"96971 RAIS Prof. Vakali" or in person or by post to the following address: Secretariat of the Department of Informatics of AUTh, Administration Building of the School of Sciences, University Campus 54124 Thessaloniki, hours 11.00-12.30pm, **no later than the 05/01/2022 at 12.30pm.** Proposals will be attributed a reference number from the Secretariat of the Department of the Academic Head of the project.

For more information and questions regarding the position, candidates may refer to *2310- 996355 (G. Andreadis)*. For information on the proposal submission process candidates may contact ELKE AUTh a *2310-994009, 994082, 994022.*

Submitted proposals will be evaluated by a three-member Evaluation Committee based on the requirements/provisions of the call.

The candidate who wishes to submit an objection to the result (Decision for Approval of Results) is entitled to recourse either via e-mail to prosk@rc.auth.gr or in person or by post to the Special Account of Research Authorities of the Aristotle University of Thessaloniki (Research Committee AUTh, 1st floor, Office 101 - 3rd September Str., University Campus 546 36, Thessaloniki, Greece) within five (5) working days from the day following the posting of the Decision for Approval of Results on the website of ELKE AUTh and Diavgeia. The candidate has the obligation to be informed about the posting of the results from the website of ELKE https://www.rc.auth.gr/JobPosition/List in the online posting of this call for expression of interest in Diavgeia. Candidates are entitled to access the data of the individual proposal file and the assessment and evaluation papers of their own and of their other co-candidates, upon written request within five (5) working days of the day following announcement of the results on the website of Diavgeia and under the conditions of articles 5 of Law 2690/1999, 42 of Law 4624 / 2019 and 6 par. 1 lit. f of the GCC (EU 2016/679).

ELKE AUTH takes all appropriate measures for the protection of personal data during the evaluation process and it is strongly recommended that you read about the data protection policy and your rights on the AUTh website https://www.auth.gr/gdpr.

EVALUATION PROCEDURE – OTHER CONDITIONS

1. From all the proposals submitted according to the above specifications, the one that best meets the project's requirements will be selected and awarded a work contract on the basis of contractual freedom.
2. Only proposals / objections that will be received by the set date and time will be considered. In the case of postal submission, the deadline is judged on the basis of the date mentioned in the shipping file, provided that it will be received by ELKE AUTh no later than the announcement of the results. ELKE AUTh bears no responsibility for the content of the candidacy files that will be sent.
3. Changes to the proposals (replacements, corrections or submission of additional documents) are not allowed after the expiration of the deadline.
4. In case the diplomas of higher education have been awarded by institutions in Greece and the call requires a grading /points scale of the degree, it is required that the grade is indicated in the presented degree. If the grade is not indicated in the degree then the detailed course score is presented. In case the degree does not indicate the grade and a detailed course score has not been submitted, the proposal of the interested person is not rejected, but the specific required qualification is not graded.
5. It is pointed out that the procedure for submitting proposals for the conclusion of a project lease contract is not competitive, while the selection of a contractor has the character of accepting the proposal and not "recruitment". The evaluation process will be completed by compiling a ranking list and / or a list of excluded, while those selected will be notified individually. In case of a tie, the proposal of the interested person is selected in order a) with the longest experience, b) with the highest bachelor's degree mark, c) with the highest master's degree mark.
6. The proposal that is first in the ranking table and has the highest score in all the scoring criteria will be the one that will be selected. In case of obstruction of the person who submitted it, the next proposal is selected until the ranking order is exhausted.
7. Any submitted proposal that does not meet the criteria of the call of the expression of interest will not be examined any further and will be automatically rejected.
8. Throughout the duration of the project it is possible that the selected candidate(s) may be replaced, if necessary, by other candidate(s) of the present call and in accordance with the ranking list.
9. The contract may be extended without restriction, following a decision of the competent body of ELKE AUTh and if the required budget of the project allows it, without a new invitation, until the end date of the project (and in case of extension of the project until its new end date).
10. ELKE AUTh does not undertake any commitment to conclude a contract, as it is left to its full discretion to conclude or not contracts, as well as their number, excluding any claim of the interested parties.
11. The project assignment will take place in accordance with the provisions of the Program Implementation Guide.
12. For candidates, language knowledge shall be certified according to Article 1 of Presidential Decree 146/2007 " Amendment of provisions of Presidential Decree 50/2001 Defining qualifications for the appointments of posts in the public sector" (Government Gazette 185/3.8.2007/Issue A'), in conjunction with the last passage of paragraph 1 of Article 1 of the Presidential Decree 116/2006 "Amendment of Article 28 of Presidential Decree 50/2001" (Government Gazette 115/9.6.2006/Issue A'). For foreign candidates, there shall be equivalent language skills verification.
13. For candidates, computer skills shall be certified according to the Article 27 par.6 of Presidential Decree 50/2001"Defining qualifications for the appointments of posts in the public sector" (Government Gazette 39/5.3.2001/Issue A', 24/30.01.2013 /Issue A' and 63/9.3.2005/Issue A').
14. Foreign documents must be accompanied by photocopies of their official translation into the Greek language.
15. It should be noted that the project assignment to candidates employed in the Public Sector, in Public and Private Bodies, etc. is subject to the provisions of paragraph 14 of Article 12 of YAKED 110427/EYTHY1020/01.11.2016

The President of the Research Committee

Efstratios A. Stylianidis
Vice Rector Research and Lifelong Learning AUTH

Mobile phone: .... E-mail: .... VAT number: ....

Please note in this proposal - statement and outside of the postal file the following

(To be completed by the candidate):

The protocol number of this call

I affirm that the information given in
this proposal - statement is accurate and true

SIGNATURE

Date :   ___/___/_____

Find attached : 1.
                 2.

*Incomplete filling of the proposal – statement constitutes a criterion for exclusion