

Area III - Didattica e Ricerca

UOR: Ufficio Formazione Post Laurea

THE RECTOR D E C R E E S

PUBLIC SELECTION FOR THE AWARDING OF N ° 1 GRANT FOR THE EXECUTION OF RESEARCH ACTIVITIES (EX ARTICLE 22 LAW 30 DECEMBER 2010, N ° 240)

The present is not a complete translation of the official and legally binding version of the call written Italian. It summarizes the call in English for the convenience of foreign candidates.

Art. 1 General provisions

Within the framework of the European Project “*Research and Training Network for Smart and Green Energy Systems and Business Models (SMARTGYSUM)*”, (H2020-MSCA-ITN-2020), a public selection is called for the awarding of one grant for the execution of research activities, lasting 36 months, at the “Dipartimento di Ingegneria dell'Informazione ed Elettrica e Matematica Applicata/DIEM” of the University of Salerno.

On the basis of the provisions of the European Project SMARTGYSUM, the grant will have a duration of thirty-six (36) months, starting from the grant date, subject to the provisions of the following articles 9 and 11.

The grants for the execution of research activities will be awarded for the realization of the research projects indicated below:

| Local Scientific Coordinator of the Project | Title | Number of grants | Duration of the project | Settore disciplinare (SSD) |
|--|---|-------------------------|--------------------------------|-----------------------------------|
| Prof. Giovanni PETRONE | On-line diagnosis and optimization of Energy Management Systems for Smart Buildings | 1 | 36 months | ING-IND/31 |

The grant holder is obliged to participate to the forthcoming selection for the Ph.D. school (XXXVIII cycle) in Information Engineering at the University of Salerno, which will provide him access by means of reserved positions without scholarship.

Further information on the research activities related to the project topics can be requested to Prof. Giovanni Petrone (email: gpetrone@unisa.it) of the “Dipartimento di Ingegneria dell'Informazione ed Elettrica e Matematica Applicata/DIEM”, of the University of Salerno.

Art. 2
Economic, fiscal and social security treatment

The total gross annual amount of the grant, already subtracted the charges to be borne by the issuing Administration is equal to **Euro 33,354.00** (thirty-three thousand three hundred and fifty-four/00), and is paid in deferred monthly transfers.

The grants are subject to Italian laws with respect to fiscal matters, social security, sick leaves and maternity leaves

The grant holder also has the right to receive an amount equal to Euro 7,200.00 per year, as a "mobility allowance" to support the mobility cost, and an amount of Euro 3,000.00 per year as a "family allowance", if, at the time of recruitment, there is a person related to the grant holder by marriage (or any other relationship with equivalent status to a marriage recognised by the legislation of the country where this relationship was formalised) or dependent children who are actually supported by the grant holder.

The University provides insurance coverage for accidents and civil liability to third parties in favor of the holders of the allowance referred to in these Regulations, as part of their research activity.

Art. 3
Requisites for candidates

Candidates should fulfill the following requisites:

| Project title | Admission requisites |
|---|--|
| On-line diagnosis and optimization of Energy Management Systems for Smart Buildings | <ol style="list-style-type: none"> 1. Master's degree obtained in Italy in one of the following subjects: Computer Engineering, Electronic Engineering, Electrical Engineering, Energy Engineering, Computer Science or equivalent, if obtained abroad. 2. Scientific-professional curriculum suitable for carrying out the research activity. 3. being in the first four years since the attainment of the first Master level degree in Italy or equivalent degree abroad. 4. not holding any doctoral (PhD) title. 5. not having resided or carried out main activities in Italy for no more than 12 months in the three immediately preceding years. |

These requirements must be possessed, under penalty of exclusion, at the deadline the application submission.

The equivalence between a degree obtained abroad by the candidate and a Master degree obtained in Italy, if not established by international agreements or by the procedures referred to in Italian law, will be established by the Board of Examiners with effects limited to the sole participation to the present public selection.

The permanent staff members of the following institutions are excluded from the selection: Italian Universities; Institutions or Public Bodies of Research and Experimentation, Agenzia Nazionale per le nuove Tecnologie, l'Energia e lo Sviluppo Economico Sostenibile (ENEA); Agenzia Spaziale Italiana (ASI); other Institutions whose diploma of scientific perfection has been recognized as equivalent to the PhD title according to the Italian law.

It is also excluded from the awarding of the grant those who have a degree of kinship or are relative in law, up to the fourth degree included, with a professor belonging to the Department or the proposing Center, or with the Rector, the General Manager, or a member of the University Board of Directors.

Art. 4 **Submission of applications**

The application to this public selection, as well as the qualifications held, the documents and the publications deemed useful for the purposes of the competition, must be submitted, under penalty of exclusion, exclusively by electronic means, using the dedicated computer application available at the page: <https://pica.cineca.it/unisa/diem-2022-adr015>

The on line application requires an e-mail address for the registration to the system. The candidate must enter all the data required for the application, and attach the documents in PDF electronic format. It will be possible to attach at most 30 documents for the publications and 30 documents for the other titles to be evaluated.

The application form must be completed in all its parts, as indicated in the electronic procedure, and must include:

- a detailed curriculum, duly signed by the candidate, including scientific, academic and professional activity; If not reported in the degree certificates, the candidate must indicate in the curriculum the Master's degree final mark and the list of exams taken during the Bachelor degree and Master degree, with credits and marks obtained for each subject.
- Master degree (or equivalent title) diploma or certificate with complete *transcript of records*;
- Bachelor degree certificate with complete *transcript of records*, if available;
- an electronic copy of the Master thesis in English or Italian. If written in another language, the candidate can submit an extended summary in English in pdf format.
- any publications including all identifying data: authors, title, Journal/book, page numbers, year of publication and, if available, a DOI)
- any other document deemed suitable to prove the professional qualification, scientific production and aptitude for research (including recommendation letters, max 3, by academic supervisors or previous employers, English certificate of proficiency)
- any other qualifications that the candidate deems useful to evaluate
(Documented research activities in public or private institutions with contracts, scholarships or assignments, specialization diplomas, additional Master's diplomas, certificates of attendance at post-degree specialization courses are considered as valid titles);
- a list, signed by the candidate, of all the documents and titles presented.

It is considered a preferent merit, the letter of qualification got through the public call carried out in the frame of the SMARTGYsum project (<https://euraxess.ec.europa.eu/jobs/710291>)

The electronic submission procedure is the only one accepted. No other means of submission of the application or documentation useful for participation in the procedure are allowed.

The candidate is also required to indicate the e-mail address where he intends to receive the access link for the interview as well as any communications relating to the competition, and to undertake to promptly report any changes that may occur subsequently.

The application procedure must be completed **before 12:00** (Rome Time, Central European Time) of the **14th of MARCH 2022**, at which time the computerized procedure referred above will be closed and the system will no longer allow access nor the transmission of the electronic form.

Before the deadline, the system will allow saving of the form in draft mode. The date of electronic submission of the application to this selection will be certified by the computerized system with a special receipt that will be automatically sent by e-mail to the candidate.

Each application will be given an identification number. This number, together with the code of the selection procedure indicated in the computer application, must be specified for any subsequent communication.

The application form must be completed and submitted according to the following procedure:

- ✓ applicants must save on their own computer the PDF file generated by the system and, without modifying it, print it and put a complete autograph signature on the last page of the printout, and add a legible scan of the **passport or other identity document**. This complete document must be merged in in a single PDF by scanning, and the file obtained must be uploaded to the system.
- ✓ Other procedures are available which require the access to certified digital signature recognized in Italy. Details are reported in the Italian version of this call.

The University will proceed with the verification of the veracity of the substitutive declarations and self-certifications, made according to the Italian laws.

Art. 5 Board of examiners

The Board of examiners is appointed by the Rector, upon proposal of the Council of the Department concerned. The Board is made of three professors or tenured researchers of the University of Salerno or of the partner universities participating in the consortium of the SMARTGYsum project.

Among these latter members:

- ✓ one is the Scientific Responsible of the project;
- ✓ the other two belong to the same SSD of the project or other SSD related to it.

The Board is chaired by a full professor or, lacking, by an associate professor, or, lacking both, by a tenured researcher.

Art. 6 Selection

The selection procedure is based on documental qualifications and interview.

For each candidate the Board of examiners has a maximum of 100 points available, divided as follows:

- Degree hold up to 30 points;
- publications, academic, professional and scientific qualifications: up to 30 points.
- outcome of the interview: up to 40 points.

At its first meeting, the Board of Examiners shall define, the evaluation criteria and methods of the candidates' titles and qualification, by possibly setting a minimum score for the admission to the interview, as well as the evaluation criteria and how the interview will be conducted. The result of the evaluation of the qualification documents is communicated to the candidates before the interview takes place (also by means of an e-mail message sent by the Board to the e-mail address specified by the candidates).

For the purposes of the final ranking, the score obtained in the evaluation of the qualification documents is added to the one obtained in the interview.

At the end of their work, the Board of Examiners is obliged to write the minutes of the selection procedure; with particular reference to the criteria and the procedures adopted for the assessment of qualification documents, to the result of the interview, and also to the detailed list of the scores gained by the candidates with their qualification and interviews, including any exclusions, and to the final ranking.

According to the Italian law, if two or more candidates obtain the same score at the end of the evaluation procedure, then the youngest candidate is preferred.

The documents relating to the selection procedure as well as the ranking of candidates are approved by a decree of the Rector and are made available for consultation of the interested parties.

The University will notify to the winner of the outcome of the selection.

Art. 7 Interview

The interview will take place in English and will have the purpose to evaluate the candidate ability to perform the research tasks of the project, as well as to ascertain their presentation skills and their level of proficiency in English.

The interview will be held since the **28th of March 2022**, starting at **10:00** (Rome Time, Central European Time) in teleconference (by means of Teams or Zoom platform) and will continue in the following days, depending on the number of candidates or time schedule.

The indication of the aforementioned dates is considered as notification for all the applicants.

Instructions to connect to the teleconference interview will be sent to the applicants admitted to the interview to the email address indicated in the application. The applicants must be provided with audio-video technical equipment suitable for carrying out the videoconference interview.

The identity of the candidates will be verified at the beginning of the interview by means of the identification document, already submitted during the application procedure.

The applicants who do not attend the interview via teleconference on the scheduled date and time, will be considered excluded from the selection.

The subjects of the interview are:

- data acquisition and signal processing, embedded systems programming, control theory, analog and digital circuits, power electronics, ICT, IoT and Data Analytics for energy applications and renewable sources, programming languages,
- discussion on the previous research experiences of the candidate and possible proposals for facing the research topic of this call.

Art. 8

Drafting of the private law contract and starting date of the grant

The awarding of the grant is formalized by signing of a private law contract between the University and the candidate resulting the first in the final ranking. The selected candidate convened for the signing of the contract simultaneously presents, the original or the certified copy of the documents proving the requisites of the call as well as of the qualification documents provided in support of the evaluation.

The winner is considered resigned if he/she does not show up within the deadline or does not produce the required documentation.

The contract must specify analytically the work program assigned, as well as the number and frequency of the periodical checks of its activities referred to in Article 9 below, with the clarification that in case of negative judgment the relationship will be terminated.

Art. 9 Tasks, rights and duties of the grant holders

The grant holder participate in research program and related technical-scientific activities, provided by the European Project called "*Research and Training Network for Smart and Green Energy Systems and Business Models (SMARTGYSUM)*", (H2020 MSCA - ITN - 2020), in direct collaboration with the teaching and research staff, carrying out the tasks assigned by the Scientific Responsible of the program in a condition of autonomy and without predetermined working hours. The grant holder also participates to the schools and the training courses provided by the SMARTGYSUM Project and carry out research periods abroad ("secondment") with other "beneficiaries" and "partners" of the consortium, as foreseen by the SMARTGYSUM Project.

The grant holder is obliged to participate to the forthcoming selection for the Ph.D. school (XXXVIII cycle) in Information Engineering at the University of Salerno, which will provide him access by means of reserved positions without scholarship. In case of selection, the grant holder will be obliged to carry out as well all the training activities planned for the Ph.D. course in Information Engineering.

The grant holders can carry out, with their consent, and without gaining rights of any kind, supplementary teaching activities, exclusively on topics pertaining to the research in progress.

They have the right to use laboratories and equipment of the Department for the purpose of the research project activities. In case it is necessary to carry out research activities in external structures, the grant holder must be expressly authorized by the Scientific Responsible of the project and proper communication must be sent to the Administration.

The research activity must be suspended for maternity and can also be suspended only for serious and duly certified illness.

The suspension periods, with the exception of the mandatory maternity leave, can be recovered at the end of the natural expiration of the contract, subject to agreement with the Scientific Responsible of the project and in compliance with the limits imposed by the available funding.

In the case of compulsory maternity leave, the contract is automatically extended according to the provisions of current legislation. In the case of maternity leave, the social security provisions according to the Italian law apply.

Art. 10 Periodical assessment of the activity

The grant holders are required to submit to the Department Council detailed reports on the research activity carried out for periods not exceeding one year

Art. 11 Revocation of the grant and withdrawal of the holder

If the researcher does not regularly continue the research activity without justifiable reason, or is responsible for serious and repeated deficiencies, or in case of negative judgment following a periodic check of the activity, or for other justified reason, the Scientific Responsible of the Project may propose the revocation of the grant, to be arranged with the appropriate decree of the Rector, acquired the consent of the Department concerned.

The holder of the grant has the right to withdraw from the agreement by giving notice to the Administration with at least thirty days notice. In case of missing notice, a sum corresponding to a monthly payment will be retained.

Art. 12 Incompatibility

The grant is incompatible with other employment contracts, even for a short term, but the holder has the possibility to be placed on leave without grant for the entire duration of the contract, according to art. 22, paragraph 3, of Law No.240 of 30 December, 2010.

The grant is also incompatible with other incomes deriving from professional activities or work relationships carried out on a continuous basis.

Holding the grant is also incompatible with the participation to Bachelor Degree Courses, Master's Degree Courses, PhD Courses with scholarships, Professional Master Courses or Medical Specialization.

Research grants do not give rights regarding the access to university permanent staff positions.

Art. 13 Publicity

This call is published on the Official Notice Board of the University of Salerno, accessible via the University website at: <http://web.unisa.it/amministrazione-trasparente/albo> , as well as on the web page of the responsible Office: <http://web.unisa.it/ricerca/assegni-ricerca/bandi> .

Art. 14 Personal data management

According to the EU Regulation of the European Parliament and of the Council dated 27 April 2016 (published in the Official Journal of the European Union No. L 119/1 of 4 May, 2016), the University of Salerno, as a Public Administration, pursuant to art. 1, par.2, of DL 165/2001 and its subsequent amendments and additions, pursues purposes of general interest, operates under administrative right and performs public authority. Therefore, the University of Salerno ensures that the treatment of personal data will be based on principles of lawfulness, fairness and transparency towards the data of the applicants. The treatment of personal data is also accomplished according to the "Regolamento di Ateneo" issued by the decree of the Rector 18 luglio 2019, Rep. n° 7327, Prot. n° 201636.

In particular, personal data will be collected in an appropriate, relevant manner for a duration limited to the purposes related to and instrumental to this call and to the possible management of the grant assignment by the University. Subsequently, data will be treated in a manner compatible with this purpose. They will be kept in a form that allows identification of the person referred to data for a period of time not exceeding the achievement of the aforementioned purposes, as well as for statistical purposes, after adoption of appropriate technical and organizational measures to protect the rights and freedoms of the applicants.

The processing of personal data will be carried out in both computerized and paper media. The consent to the processing of the aforementioned data is mandatory for the completion of the selection of this call, and for the possible management of the academic career of the student. Consequently, any refusal to provide the data will not allow the performance of the selection and the management of the academic career. The data may be disclosed to public or private subjects, including publication on the University website, for formalities imposed by law. To this end, the treatment will be carried out by University staff.

According to the EU regulation in matter of personal data protection; candidates have the right to obtain confirmation of the existence or otherwise of the processing of personal data provided and, in this case, to obtain access to them. They also have the right to: request the correction of inaccurate personal data or the integration of incomplete personal data; cancellation of the same; the limitation of the treatment; the notification in case of rectification or cancellation of the data, the

limitation of the treatment in the cases strictly required; the portability of the same and the opposition to treatment and profiling. Candidates have the right to request the cancellation of their personal data if they have been made public online.

The data controller is the University of Salerno, with registered office in Fisciano (SA) at via Giovanni Paolo II, 132, in the person of its legal representative, Rector Pro-tempore, PEC: ammicent@pec.unisa.it

Responsible for the protection of personal data is the Manager authorized by the Data Controller in relation to their functions and data protection: PEC: protezionedati@pec.unisa.it

External Responsible for the processing of personal data is the Consorzio Interuniversitario CINECA, as the supplier of the related service - with registered office in via Magnanelli 6/3 - 40033 Casalecchio di Reno (BO), PEC: cineca@pec.cineca.it

Internal Responsible for the processing of personal data is the head of Postgraduate Training Office of the University of Salerno, dott. Giovanni SALZANO - tel. 089/966242, e-mail: gsalzano@unisa.it .

Administrative manager of the selection procedure, according to the articles 4 and following of the Law No.241 of 7 August 1990 and successive modifications, is the dott. Giovanni SALZANO, - Postgraduate Training Office of the University of Salerno - via Giovanni Paolo II, no. 132, 84084 Fisciano (Sa) - tel. +39 (0)89/966242, e-mail: gsalzano@unisa.it

Art. 15 Final rules

For everything not provided in this call, the rules contained in the University Regulations on research grants apply, as well as the relevant Italian laws.

THE RECTOR
Vincenzo LOIA
*digital signed according to D. Lgs n°
82/2005*