



CALL FOR APPLICATIONS FOR THE ASSIGNMENT OF 2 SCHOLARSHIPS REGARDING RESEARCH ACTIVITIES TO BE CARRIED OUT AT THE ADVANCED METROLOGICAL AND TECHNOLOGICAL SERVICES CENTER OF THE UNIVERSITY OF NAPLES FEDERICO II

PUBLIC NOTICE

CALL FOR APPLICATIONS FOR THE ASSIGNMENT OF 2 SCHOLARSHIP

HAVING REGARD to Rectoral Decree 2025/1141 of 13/03/2025;

HAVING REGARD to law 30.12.2010, nr.240, and subsequent amendments;

HAVING REGARD to the current University Regulations governing the awarding, by Departments and Interdepartmental Centers, of scholarships for research activities, to be established with funds deriving from agreements, issued by Rector's Decree no. 3557 of 19/10/2015;

HAVING REGARD to the University's Three-Year Corruption Prevention Plan currently in force;

HAVING REGARD to the Codes of Conduct for public employees and for the University, adopted by Resolution of the Board of Directors no. 47 of 29/01/2015, drawn up in compliance with the provisions of Article 54, paragraph 5, of Legislative Decree no. 165 of 2001, as amended and supplemented;

HAVING REGARD to the Regulation containing the Code of Conduct for public employees currently in force

Article 1

With reference to the Collaboration Agreement between the University of Naples - Federico II and the Ministry of Infrastructure and Transport – Technical Mission Structure for strategic guidance, infrastructure development, and High Surveillance, with protocol no. 565 dated February 12, 2021 (Registered with the Court of Auditors on July 6, 2021, no. 2230) – Minutes of agreement protocol no. 3326, dated October 22, 2024, having as Scientific Supervisor Prof. Gennaro Nicola Bifulco, having as referee for Ce.S.M.A. Prof. Gennaro Nicola Bifulco, a selection is announced for the assignment of 2 Scholarship for research activities, to be carried out at the Advanced Metrological and Technological Services Center - Ce.S.M.A. of the University of Naples Federico II with the following title:

“Design, fabrication, and measurement of nanostructured quantum superconducting devices”

Scientific coordinator of the project: Prof. Leopoldo Angrisani. Principal investigator for the specific research activity: Prof. Francesco Tafuri.

Article 2

All candidates who hold a Master's degree, as specified in the following scheme, may participate in the selection process, without any restrictions of citizenship:

DEGREE CLASSES DM 509/99	DEGREE CLASSES DM 270/04
20/S Physics	LM-17 Physics



32/S Electronic Engineering 50/S Mathematical and Physical Modeling for Engineering – Quantum Science and Engineering	LM-29 Electronic Engineering LM-44 Mathematical and Physical Modeling for Engineering – Quantum Science and Engineering
--	--

Alternatively, on the basis of the documentation submitted by the candidate under penalty of exclusion, a degree awarded by a foreign university and declared equivalent in accordance with the applicable legislation and any relevant international agreements, or a degree awarded by a foreign university deemed suitable by the Selection Committee solely for the purposes of admission to the selection procedure.

Article 3

The two selection process consists of a qualifications assessment and an interview.

Article 4

The scholarships will have a duration of **12 (twelve) months** and will not be renewable.

The amount of each scholarship is **€ 24.000,00 (twenty-four thousand euros/00)** gross and will be paid by Ce.S.M.A. – Center for Advanced Metrological and Technological Services in deferred monthly instalments, upon completion of the relevant activity.

The research scholarship may not be combined with research contracts referred to in the currently applicable Article 22 of Law no. 240 of 30/12/2010 (as well as, until their phase-out, research grants for the performance of research activities), nor with other scholarships awarded for any reason, except for those granted by national or foreign institutions intended to supplement the research activity of scholarship holders through periods spent abroad.

Furthermore, the scholarship is not compatible with the performance of public or private dependent employment, unless the recipient has obtained a clearance (nulla osta) from the relevant public or private employer and has been placed on unpaid leave for the entire duration of the scholarship.

Moreover, persons who have a relationship of kinship or affinity, up to and including the fourth degree, with a professor belonging to the proposing Center, or with the Rector, the Director General, or a member of the University's Board of Directors, may not participate in the selection procedure.

Article 5

Applications for participation, drawn up on plain paper in accordance with the template set out in Annex 1 to this call, duly signed by the candidates, must be received by Ce.S.M.A. – Center for Advanced Metrological and Technological Services, Corso Nicolangelo Protopisani, 80146 Naples, by the following method:

- submission, in .pdf format, by certified email (PEC) to the following address: cesma@pec.unina.it, no later than 12:00 noon on 8 January 2026.

The email sent via PEC must indicate in the subject ***BSRicercaCESMA/2025/SHINEQC_04***.



This call is advertised at the Center and is also published on the official notice board and on the University's website.

The following documents must be attached to the application:

- a copy of a valid identification document;
- curriculum vitae;
- the documentation required to demonstrate the equivalence or suitability of the qualification obtained from a foreign university;
- the Master's degree thesis (translated into Italian or English if written in a language other than Italian or English);
- scientific publications;
- any additional post-graduate university qualifications;
- any additional qualifications relevant to the subject matter of the research activity.

The above-mentioned qualifications must be submitted in compliance with the current regulations on self-certification pursuant to Presidential Decree (DPR) no. 445/2000.

All official communications relating to the selection procedure will be sent to the PEC email address indicated in the application.

For non-EU candidates, in the event of being awarded the grant, additional documentation will be required to be submitted to the Administration (e.g. residence permit). It is specified that the actual start of the activity, even if the grant is accepted by the candidate within the 10 days indicated in Article 10, is subject to the submission of the residence permit and the tax code.

Articolo 6

The research scholarship shall be awarded following a selection procedure carried out by a Selection Committee appointed by the Director of CeSMA, composed as follows:

- two professors/researchers of the University, one of whom shall act as Chair;
- the professor/researcher responsible for the research project to which the expenditure relating to the research scholarship will be charged, or a professor/researcher delegated by him/her.

The duties of recording secretary shall be performed by a member of the technical and administrative staff of the Department/Center issuing the call, belonging to the Area of Officials or Administrative Staff.

Articolo 7

The Committee will base its evaluation on the assessment of the qualifications submitted by the candidates and on an interview concerning topics related to the following subjects/themes:

1. *Measurement and characterization techniques for superconducting devices.*
2. *Growth techniques for superconducting materials and fabrication of nanoscale*



- superconducting devices.*
3. *Quantum effects in superconducting devices.*

The Committee will have a total of 100 points to allocate as follows:

1. Degree grade or equivalent/suitable foreign qualification, up to 10 points;
2. Master's thesis and/or publications, up to 15 points;
3. PhD in a relevant field – 15 point;.
4. Interview, 60 points.

Article 8

The committee will formulate a ranking indicating the suitable candidates in order of merit. In case of a tie, the younger candidate will be given preference. The committee's merit judgment is final.

Article 9

The scholarship will be awarded to the candidate with the highest score. If the selected candidate declines, the scholarship will be awarded to the next suitable candidate according to the merit ranking.

Article 10

Within ten days from the receipt of the registered letter informing them of the scholarship award, clearly indicating the specific activities assigned, the duration, and the compensation, the awardee must send a declaration of acceptance of the scholarship to Ce.S.M.A. under the conditions specified in the call for applications, or they will forfeit the scholarship.

Article 11

The awardee must:

- i. Begin the research activity on the scheduled date, following the directives given by the scientific supervisor;
- ii. Carry out the activity regularly and continuously for the entire duration of the scholarship. Brief interruptions may be justified only for health reasons or duly proven cases of force majeure, provided that long interruptions will result in the forfeiture of the scholarship;
- iii. Submit a complete and documented report on the work performed at the end of the activity.

The awardee is not subject to time constraints and will perform their activity without any subordination or stable coordination with the organizational needs of the structure.

It is noted that if activities are to be carried out outside the departmental territory, they must be reached, in any case, also by own means for logistical and potential material transport reasons.

Article 12

The awardee who fails to comply with any of the above obligations or is otherwise responsible for other serious shortcomings will be declared forfeited from the scholarship.



Article 13

The personal data of the interested parties that this administration may come into possession of in connection with this procedure will be processed in accordance with the provisions of the Code regarding the protection of personal data, enacted by Legislative Decree no. 196 of 30 June 2003, as amended, as well as the General Data Protection Regulation of the European Union (Regulation EU 679/2016, as amended), and the Regulation of the University of Naples Federico II on the processing of personal data, issued by Rector's Decree no. 1226 of 19/03/2021. The data collected will be processed for the purposes of this procedure for which they are provided and will be used exclusively for this purpose and, in any case, within the scope of the institutional activities of the University of Naples Federico II. The data subjects are entitled to the rights set out in Articles 15–22 and 77 of the EU Regulation.

Complete information regarding the processing of personal data collected is available on the University website: <http://www.unina.it/ateneo/statuto-e-normativa/privacy>

Article 14

Candidates who meet the admission requirements are summoned for the interview at Complesso San Giovanni, Corso Nicolangelo Protopisani, 80146 Naples, Building L1, 2nd floor, room 9, on 13 January 2026 at 10:15 a.m., unless otherwise directed by the Committee, which will promptly communicate any changes to the PEC address indicated in the application.

Failure to attend will result in automatic exclusion from the evaluation procedure. The final ranking, reflecting the outcome of the selection, will be published on the University website.

Naples, 18 December 2025

Director of Ce.S.M.A
Prof. Domenico Accardo



ANNEX 1

Template for the Application Form

**To the Director of Ce.S.M.A.
Center for Advanced Metrological and Technological Services**

I, the undersigned _____,

HEREBY APPLY

to participate in the selection for the award of n. 2 research scholarship referred to in Call ***BSRicercaCESMA/2025/SHINEQC_04***.

To this end, fully aware of the criminal penalties provided in the case of false statements, pursuant to Article 76 of Presidential Decree no. 445 of 28 December 2000

DECLARES

Surname e first name			
Date of birth			
Place of birth		Province:	
Tax code			
Citizenship			
Resident in		Province:	CAP:
Contact details	Street:		
	TEL. CELL:		
	MAIL:		
	PEC:		

➤ to hold the following qualification for admission to the selection, obtained at:

_____ ,
in date _____, with final grade/result: _____ :

	Master's Degree in _____ (Class of the Master's Degree: LM-_____)
	Specialist Degree in _____



	(Class Specialist Degree: _____/S)
	Degree under the old system (educational system prior to Ministerial Decree 509/99) in: _____
	University degree obtained from a foreign university, declared equivalent in accordance with current legislation and any relevant international agreements, as evidenced by the documentation attached to this application/declaration: _____ <i>(Indicate the name of the qualification and attach any documentation useful to demonstrate its equivalence)</i>
	Qualification obtained from a foreign university for which recognition of suitability is requested from the Committee in charge of the selection, for the purpose of admission to the selection: _____ <i>(Indicate the name of the qualification and attach any documentation useful to demonstrate the suitability of the qualification, including the Declaration of Value)</i>

- not to be an employee of Public or Private Entities;

or

to be an employee of the Entity _____,
and to be aware that the award of the scholarship is subject to the issuance of a clearance (nulla osta) by the employing Entity and to the granting of unpaid leave for the entire duration of the scholarship;

- not to hold any research grants, research contracts referred to in the current Article 22 of Law no. 240/2010, or other scholarships awarded for any reason, except for those granted by national or foreign institutions intended to supplement the research activity of scholarship holders through periods spent abroad;

or

- to hold a research grant/research contract referred to in the current Article 22 of Law no. 240/2010 / another scholarship and to be aware that these cannot be combined with the research scholarship;
- in the event that any of the aforementioned situations of incompatibility/non-cumulability exist, to undertake to resolve it in the case of award of the research scholarship;
- not to have a degree of kinship or affinity, up to and including the fourth degree, with a professor belonging to the Department/Center that issued the call for the award of the scholarship, or with the Rector, the Director General, or a member of the Board of Directors of the University of Naples Federico II.



Date _____

Sign _____

Information pursuant to Article 13 of Regulation (EU) 679/2016 on the processing of personal data

The data collected with this form are processed for the purpose of the procedure for which they are provided and will be used exclusively for this purpose and, in any case, within the scope of the institutional activities of the University of Naples Federico II. The Data Controller is the University, represented by the Rector and the Director General, in relation to their specific responsibilities. For issues concerning the processing of personal data in a manner that does not comply with regulations, it is possible to contact the Data Controller by sending an email to: ateneo@pec.unina.it; or the Data Protection Officer (DPO) at: rpd@unina.it; PEC: rpd@pec.unina.it. For any other requests related to the procedure in question, the Department/Center that issued the selection must be contacted. Data subjects are entitled to the rights referred to in Articles 15–22 of the EU Regulation. Complete information regarding the processing of personal data collected is available on the University website: <http://www.unina.it/ateneo/statuto-e-normativa/privacy>

Warnings:

1. The declarant is responsible in the event of a false statement (Art. 76, Presidential Decree 28.12.2000 no. 445);
2. The declarant forfeits any benefits that may result from the measure issued on the basis of the untruthful statement (Art. 75, Presidential Decree 28.12.2000 no. 445).



ANNEX 2

Template for the Application Form

**To the Director of Ce.S.M.A.
Center for Advanced Metrological and Technological Services**

I, the undersigned _____,

HEREBY APPLY

to participate in the selection for the award of n. 2 research scholarship referred to in Call ***BSRicercaCESMA/2025/SHINEQC_04***.

To this end, fully aware of the criminal penalties provided in the case of false statements, pursuant to Article 76 of Presidential Decree no. 445 of 28 December 2000

DECLARES

Surname, first name			
Date of birth			
Place of birth		Province:	
Tax code			
Citizenship			
Resident in		Province:	CAP:
	Street:		
Contact details	TEL. CELL:		
	MAIL:		
	PEC:		

➤ to hold the following qualification for admission to the selection, obtained at:

_____ ,

in date _____, with final grade/result: _____:

	Master's Degree in _____ (Class of the Master's Degree: LM-_____)
	Specialist Degree in _____



	(Class Specialist Degree: _____/S)
	Degree under the old system (educational system prior to Ministerial Decree 509/99) in: _____
	University degree obtained from a foreign university, declared equivalent in accordance with current legislation and any relevant international agreements, as evidenced by the documentation attached to this application/declaration: _____ <i>(Indicate the name of the qualification and attach any documentation useful to demonstrate its equivalence)</i>
	Qualification obtained from a foreign university for which recognition of suitability is requested from the Committee in charge of the selection, for the purpose of admission to the selection: _____ <i>(Indicate the name of the qualification and attach any documentation useful to demonstrate the suitability of the qualification, including the Declaration of Value)</i>

- not to be an employee of Public or Private Entities;

or

to be an employee of the Entity _____,
and to be aware that the award of the scholarship is subject to the issuance of a clearance (nulla osta) by the employing Entity and to the granting of unpaid leave for the entire duration of the scholarship;

- not to hold any research grants, research contracts referred to in the current Article 22 of Law no. 240/2010, or other scholarships awarded for any reason, except for those granted by national or foreign institutions intended to supplement the research activity of scholarship holders through periods spent abroad;
-
- not to have a degree of kinship or affinity, up to and including the fourth degree, with a professor belonging to the Department/Center that announced the selection for the award of the scholarship, or with the Rector, the General Director, or a member of the Board of Directors of the University of Naples Federico II.

Date _____

Sign _____

Information pursuant to Article 13 of Regulation (EU) 679/2016 on the processing of personal data
The data collected with this form are processed for the purpose of the procedure for which they are provided and will be used exclusively for this purpose and, in any case, within the scope of the institutional activities of the University of Naples Federico II. The Data Controller is the University, represented by the Rector and the Director General, in relation to their specific responsibilities. For issues concerning the processing of personal data in a manner that does



not comply with regulations, it is possible to contact the Data Controller by sending an email to: ateneo@pec.unina.it; or the Data Protection Officer (DPO) at: rpd@unina.it; PEC: rpd@pec.unina.it. For any other requests related to the procedure in question, the Department/Center that issued the selection must be contacted. Data subjects are entitled to the rights referred to in Articles 15–22 of the EU Regulation. Complete information regarding the processing of personal data collected is available on the University website: <http://www.unina.it/ateneo/statuto-e-normativa/privacy>

Warnings:

- 1.The declarant is responsible in the event of a false statement (Art. 76, Presidential Decree 28.12.2000 no. 445);
- 2.The declarant forfeits any benefits that may result from the measure issued on the basis of the untruthful statement (Art. 75, Presidential Decree 28.12.2000 no. 445).