



**UNIVERSITÀ DEGLI STUDI
DI CAGLIARI**



HR EXCELLENCE IN RESEARCH

Personnel, Organisation, Performance Directorate
Manager Dr. Fabrizio Cherchi
Coordination of teaching staff and selection processes

D.R. n. 459/2025
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Disclaimer: This English translation of the original text in Italian is provided for information purposes only. In case of a discrepancy, the original Italian document will prevail.

Subject: Public selection for the recruitment of No. 1 type a) fixed-term research assistant, at the Department of "Electrical and Electronics Engineering", SDG 09/IINF-02 – Electromagnetic Fields (SSD IINF-02/A), founded by European Union and MIMIT – selection code: rtdaM_08D_0525_09/IINF-02

THE RECTOR,

HAVING REGARD TO Law No. 168 of 9.05.1989 on the establishment of the Ministry of Universities and Academic and Technological Research;

HAVING REGARD TO the current Statute of the University of Cagliari, issued by Rector's Decree No. 305 of 28.03.2022, published in the Official Gazette of the Italian Republic (G.U.) - general series - No. 88 of 24.04.2022;

HAVING REGARD TO Law No. 241 of 7.08.1990, as amended and supplemented, containing new rules on administrative procedures and the right of access to administrative documents;

HAVING REGARD TO Law No. 104 of 5.02.1992, framework law for assistance, social integration and the rights of persons with disabilities;

HAVING REGARD TO Presidential Decree No. 445 of 28.12.2000, containing the Consolidated Text of Legislative and Regulatory Provisions on Administrative Documentation;

HAVING REGARD TO Legislative Decree No. 196 of 30.06.2003, "Personal Data Protection Code";

HAVING REGARD TO Law No. 106 of 15.04.2004, containing rules on the deposit of documents of cultural interest intended for public use;

HAVING REGARD TO Legislative Decree No. 82 of 07.03.2005, "Digital Administration Code" and subsequent amendments and additions;

HAVING REGARD TO the Recommendation of the European Committee of 11.03.2005 on the European Charter for Researchers and on a Code of Conduct for the Recruitment of Researchers;



HAVING REGARD TO Legislative Decree No. 198 of 11.04.2006, containing the “Code of equal opportunities between men and women”;

HAVING REGARD TO Presidential Decree No. 252 of 03.05.2006, regulation on the deposit of documents of cultural interest intended for public use;

HAVING REGARD TO Law No. 240 of 30.12.2010, as subsequently amended and supplemented, laying down rules on the organisation of universities, academic staff and recruitment, as well as delegating power to the Government to boost the quality and efficiency of the university system, and in particular art. 24;

HAVING REGARD TO the current “Rules and regulations for the stipulation of fixed-term research assistants contracts” at the University of Cagliari, pursuant to art. 24 of Law 30.12.2010, n. 240;

HAVING REGARD TO the current "Regulation for the funding, by public or private entities, of fixed-term researcher contracts pursuant to Article 24 of Law No. 240 of 23.12.2010";

HAVING REGARD TO the Ministerial Decree No. 243 of 25.05.2011, which identifies criteria and parameters for the preliminary evaluation of candidates in public selection procedures for recipients of contracts as per art. 24, paragraph 2, letter c) of Law No. 240 of 30.12.2010;

HAVING REGARD TO Ministerial Decree 639 of 02.05.2024, published in the Official Gazette of the Italian Republic No. 107 of 09.05.2024, concerning the determination of the academic-disciplinary groups and the relative declarations, as well as the rationalisation and updating of the academic-disciplinary sectors and the reallocation of the latter to the academic-disciplinary groups, pursuant to Article 15 of Law 240/2010;

HAVING REGARD TO the Code of Ethics and Conduct of the University of Cagliari, issued by Rector’s Decree No. 351 of 3.04.2025;

HAVING REGARD TO Regulation (EU) 2016/679 on the protection of natural persons with regard to the processing of personal data;

CONSIDERING that the procedures governed by this call are in line with the policies of the University of Cagliari for implementing the principles of the new European Charter for Researchers through the Human Resources Excellence in Research recognition process, with the aim of fostering a competitive and attractive research environment;

HAVING REGARD TO the resolution dated 24.04.2025, by which the Council of the Department of Electrical and Electronics Engineering unanimously approved the request to initiate the selection process for the recruitment of one researcher through the stipulation of a full-time, three-year fixed-term employment contract pursuant to Article 24, paragraph 3, type a), of Law



No. 240 of 30.12.2010, in force until 29.06.2022, and Article 3, paragraph 1, letter a) of the Regulation for the recruitment of fixed-term researchers at the University of Cagliari, for the scientific-disciplinary sector 09/IINF-02 – Electromagnetic Fields (SSD IINF-02/A), with financial coverage estimated at a total of €170,050.00, to be ensured by:

- For the first 4 months (for an amount corresponding to €18,894.44), the funding will be drawn from the project “SPARKS – SuPporting restARt spoke 3 reSearch,” CUP D43C22003080001, identification code (CAR) 29251, within the framework of the cascade funding call Extended Partnership “RESearch and innovation on future Telecommunications systems and networks, to make Italy more sMART,” RESTART Programme PE000000001 – Spoke 3 “Wireless Networks and Technologies.” This is part of the National Recovery and Resilience Plan (PNRR), Mission 4 Education and Research – Component 2 From Research to Business – Investment 1.3, MUR Call D.D. 15.03.2022, No. 341 – Funded by the European Union – NextGenerationEU, under the scientific supervision of professor Giuseppe Mazzarella;

- For the subsequent 13 months (for an amount corresponding to €61,406.94), the funding will be drawn from the project entitled “ICT and Industry 4.0 Technologies for the Analysis and Engineering of Complex Food Systems for the Production of High Value-Added Local Artisan Breads” (AISAC) – project number F/310035/01-04/X56, CUP B29J23001120005 – COR: 16077970. This project is funded by the Ministry of Enterprises and Made in Italy (MIMIT) under the research and development programme “Agreements for Innovation” pursuant to Ministerial Decree of 31.12.2021 and Directorial Decree of 18.03.2022. It aligns with the intervention areas of the “Horizon Europe” Programme – Food Systems, utilizing resources from the National Plan for Complementary Investments to the PNRR as identified in Article 1, paragraph 2, letter f), point 3, of Decree-Law No. 59 of 6.05.2021, converted, with amendments, by Law No. 101 of 1.07.2021, or from the resources allocated under the Sustainable Growth Fund as per Ministerial Decree of 25.05.2022 and the State Budget Adjustment Provision No. 111 of 5.08.2022, under the scientific supervision of professor Alessandro Fanti;

- For the remaining 19 months (for an amount corresponding to €89,748.62), the funding will be allocated to the project titled: “Industry 4.0 Technologies and ICT for the Efficiency and Optimization of Typical Agri-food Productions through the Enhancement of Local Climatic Conditions” (EOPAC). Funding Body: Ministry of Made in Italy - CUP B29I23001460007, under the scientific supervision of professor Alessandro Fanti;

WHEREAS

the Academic Senate, in its meeting of 29.04.2025, gave a favorable opinion on the activation of the selection procedure for the recruitment of 1 researcher, on a fixed-term and full-time basis, pursuant to Article 24, paragraph 3, type a), of Law 30.12.2010, No. 240, in force until 29.06.2022, and Article 3, paragraph 1, letter a) of the Regulation for the recruitment of fixed-term researchers at the University of Cagliari for the scientific-



disciplinary group 09/IINF-02 – Electromagnetic Fields (SSD IINF-02/A), with an estimated total financial coverage of €170,050.00, which will be secured:

- For the first 4 months (for an amount corresponding to €18,894.44), the funding will be drawn from the project “SPARKS – SuPporting restARt spoke 3 reSearch,” CUP D43C22003080001, identification code (CAR) 29251, within the framework of the cascade funding call Extended Partnership “RESearch and innovation on future Telecommunications systems and networks, to make Italy more smART,” RESTART Programme PE000000001 – Spoke 3 “Wireless Networks and Technologies.” This is part of the National Recovery and Resilience Plan (PNRR), Mission 4 Education and Research – Component 2 From Research to Business – Investment 1.3, MUR Call D.D. 15.03.2022, No. 341 – Funded by the European Union – NextGenerationEU, under the scientific supervision of professor Giuseppe Mazzearella;

- For the subsequent 13 months (for an amount corresponding to €61,406.94), the funding will be drawn from the project entitled “ICT and Industry 4.0 Technologies for the Analysis and Engineering of Complex Food Systems for the Production of High Value-Added Local Artisan Breads” (AISAC) – project number F/310035/01-04/X56, CUP B29J23001120005 – COR: 16077970. This project is funded by the Ministry of Enterprises and Made in Italy (MIMIT) under the research and development programme “Agreements for Innovation” pursuant to Ministerial Decree of 31.12.2021 and Directorial Decree of 18.03.2022. It aligns with the intervention areas of the “Horizon Europe” Programme – Food Systems, utilizing resources from the National Plan for Complementary Investments to the PNRR as identified in Article 1, paragraph 2, letter f), point 3, of Decree-Law No. 59 of 6.05.2021, converted, with amendments, by Law No. 101 of 1.07.2021, or from the resources allocated under the Sustainable Growth Fund as per Ministerial Decree of 25.05.2022 and the State Budget Adjustment Provision No. 111 of 5.08.2022, under the scientific supervision of professor Alessandro Fanti;

- For the remaining 19 months (for an amount corresponding to €89,748.62), the funding will be allocated to the project titled: "Industry 4.0 Technologies and ICT for the Efficiency and Optimization of Typical Agri-food Productions through the Enhancement of Local Climatic Conditions" (EOPAC). Funding Body: Ministry of Made in Italy - CUP B29I23001460007, under the scientific supervision of professor Alessandro Fanti;

WHEREAS

the Board of Directors, in its meeting of 29.04.2025, authorized the issuance of the selection notice for the recruitment of 1 researcher, on a fixed-term and full-time basis, pursuant to Article 24, paragraph 3, type a), of Law 30.12.2010, No. 240, in force until 29.06.2022, and Article 3, paragraph 1, letter a) of the Regulation for the recruitment of fixed-term researchers at the University of Cagliari for the scientific-disciplinary group 09/IINF-02 – Electromagnetic Fields (SSD IINF-02/A), with a total estimated financial coverage of €170,050.00, which will be secured:



- For the first 4 months (for an amount corresponding to €18,894.44), the funding will be drawn from the project “SPARKS – SuPporting restARt spoke 3 reSearch,” CUP D43C22003080001, identification code (CAR) 29251, within the framework of the cascade funding call Extended Partnership “RESearch and innovation on future Telecommunications systems and networks, to make Italy more smART,” RESTART Programme PE000000001 – Spoke 3 “Wireless Networks and Technologies.” This is part of the National Recovery and Resilience Plan (PNRR), Mission 4 Education and Research – Component 2 From Research to Business – Investment 1.3, MUR Call D.D. 15.03.2022, No. 341 – Funded by the European Union – NextGenerationEU, under the scientific supervision of professor Giuseppe Mazzarella;
- For the subsequent 13 months (for an amount corresponding to €61,406.94), the funding will be drawn from the project entitled “ICT and Industry 4.0 Technologies for the Analysis and Engineering of Complex Food Systems for the Production of High Value-Added Local Artisan Breads” (AISAC) – project number F/310035/01-04/X56, CUP B29J23001120005 – COR: 16077970. This project is funded by the Ministry of Enterprises and Made in Italy (MIMIT) under the research and development programme “Agreements for Innovation” pursuant to Ministerial Decree of 31.12.2021 and Directorial Decree of 18.03.2022. It aligns with the intervention areas of the “Horizon Europe” Programme – Food Systems, utilizing resources from the National Plan for Complementary Investments to the PNRR as identified in Article 1, paragraph 2, letter f), point 3, of Decree-Law No. 59 of 6.05.2021, converted, with amendments, by Law No. 101 of 1.07.2021, or from the resources allocated under the Sustainable Growth Fund as per Ministerial Decree of 25.05.2022 and the State Budget Adjustment Provision No. 111 of 5.08.2022, under the scientific supervision of professor Alessandro Fanti;
- For the remaining 19 months (for an amount corresponding to €89,748.62), the funding will be allocated to the project titled: "Industry 4.0 Technologies and ICT for the Efficiency and Optimization of Typical Agri-food Productions through the Enhancement of Local Climatic Conditions" (EOPAC). Funding Body: Ministry of Made in Italy - CUP B29J23001460007, under the scientific supervision of professor Alessandro Fanti;

HAVING NOTED that the research activities that the winner will carry out fully align within the themes provided by the PNR 2021-2027;

HAVING NOTED that the financial coverage for the cost of the three-year contract relating to the aforementioned selection, estimated at € 170.050,00, is guaranteed.



ISSUES THE FOLLOWING DECREE:

ART. 1

(Public selection for the recruitment of 1 fixed-term researchers assistants [rtdA])

The public competition listed in the following table is to be held at this University for the recruitment of a total of No. 1 type a) fixed-term, full-time researcher, through the stipulation of a three-year subordinate employment contract, in accordance with art. 24 of Law No. 240 of 30.12.2010 and the current *Regulations for the hiring of fixed-term researchers at the University of Cagliari, pursuant to art. 24 of Law 30.12.2010, n. 240*”:

N.	Selection code	GSD	Profile (SSD) academic discipline	Department
1	rtdaM_08D_0525_09/IINF-02	09/IINF-02	IINF-02/A	Electrical and Electronics Engineering

The form attached to this notice, as an integral part of it, contains the following information (the form can be viewed by clicking on the selection code indicated in the above table):

- a) the selection code to be indicated in the application;
- b) the Disciplinary Area of academic recruitment fields;
- c) Scientific-disciplinary Group for which the selection has been announced;
- d) the profile, by indicating one or more academic disciplines (SSD);
- e) the name of the Department that requested the post;
- f) the foreign language of which candidates will have to prove their knowledge;
- g) a description of the research activity to be carried out by the successful candidate;
- h) a description of the teaching activity to be performed by the successful candidate;
- i) a description of the supplementary teaching and student support service activities to be performed by the successful candidate;

For further details on the academic fields and disciplines, please refer to [Ministerial Decree No. 639 of 2 May 2024 published in the Official Gazette of the Italian Republic No. 107 of May 9, 2024](#).

ART. 2

(Admission requirements)

Participation in the public selection referred to in Article 1 is open, without limitations related to citizenship, to candidates holding a Ph.D., or equivalent qualification obtained in Italy or abroad.

In the case of qualifications obtained abroad, applicants must enclose with their application a document certifying that they have been recognised in Italy in accordance with the regulations in force. If the foreign qualification has not yet been recognised as valid in Italy, it is necessary



to send a formal [request](#) to the Ministry of Universities and Research - DG for Internationalisation and Communication - Office III - for the recognition of the qualification for the purposes of participation in competitions for researchers in universities and public research institutes, and to attach a copy of this request to the application. In accordance with the rules in force, candidates will be provisionally admitted.

These candidates must also meet the following requirement:

- Knowledge of the foreign language indicated on the form, which will be verified by a language test.

Candidates will be exempted from the language test if they can show that they have a certificate of at least level B1 (CEFR) in the foreign language, issued by a certifying body or by a language school or university language centre and obtained no more than five years before the closing date for applications.

Candidates shall be excluded from the selection if, in addition to failing to meet the aforementioned requirements, by the deadline for submission of applications:

- a) are excluded from the enjoyment of civil and political rights;
- b) have been dismissed or removed from employment in a Public Administration for persistently insufficient performance, or have been declared to have lost their position in another state employment under Article 127, letter d) of Presidential Decree No. 3 of 10.01.1957;
- c) are, at the time of submitting the application, related by blood or affinity, up to and including the fourth degree of consanguinity or affinity, to a professor or tenured professor belonging to the department applying for the post, or to the Rector, the Director General or a member of the Board of Directors of the University, or are themselves members of the Board of Directors;
- d) have held contracts as research fellows and fixed-term researchers pursuant to Articles 22 and 24 of Law No. 240/2010, respectively, also with other Universities, or with the entities referred to in paragraph 1 of Article 22 of Law No. 240/2010, for a period that, added to the duration provided for in the contract offered in the call, exceeds a total of 12 years, even if not continuous. For the calculation mentioned above, periods of mandatory maternity leave and periods of leave/absence for illness will not be counted.

Also excluded from the selection process are those who already hold a permanent contract as a first or second level university professor or researcher, even if their contracts have terminated.

This administration guarantees equality and equal opportunities between men and women in terms of access to employment and conditions at work.



ART. 3

(Application for admission)

The application to take part in the selection procedure, as well as the qualifications, documents and publications, must be submitted electronically, under penalty of exclusion, using the special electronic application at <https://pica.cineca.it/>.

The electronic application requires the applicant to have an e-mail address in order to register with the system.

The applicant must enter all the data required to complete the application and attach the documents in electronic PDF format.

The application form must be completed in full, as indicated in the online procedure, and must be accompanied by:

- the signed and numbered list of qualifications that can be assessed, together with the declaration in lieu of a certificate or affidavit, as provided for in Articles 46 and 47 of Presidential Decree 445/2000, certifying that they are in possession of the above-mentioned documents;
- a signed curriculum vitae of their teaching, academic;
- a scan of a valid identity document and a tax code. Non-European citizens must provide a scan of their valid passport;
- a signed and numbered list of the academic publications attached;
- academic publications (not exceeding 12 in number);
- any certificate or other evidence of your knowledge of the foreign language(s) specified in the form relating to the competition in which the candidate wishes to take part, of a level at least equivalent to B1 (CEFR), issued no more than five years before the closing date for registration, and issued by a certifying body, language school or university language centre. In the absence of such a certificate, candidates will be assessed by the Selection Committee;
- any document giving details of the provision certifying that the qualification obtained abroad has been recognised in Italy in accordance with the regulations in force. If such recognition has not yet taken place, the candidate must enclose a copy of the [application](#) for recognition of his/her qualification.

No other form of submission of applications or documentation for participation in the procedure is permitted.

The date of electronic submission of the application for participation in the selection is certified by the computer system by means of a receipt that will be automatically sent by e-mail. Once the deadline for submission has expired, the system will no longer allow access and submission of the electronic form.

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



The procedure for filling in and sending the application electronically must be completed no later than 23:59 on 16.06.2025.

The submission of the application for participation must be completed and finalised according to the following procedures:

- a) the candidate may register and access the platform using the Public Digital Identity System (SPID - security level 2), selecting the University of Cagliari from among the organisations listed. If she/he does not have these credentials, she/he may submit a request following the procedures indicated on the website www.spid.gov.it .
When logged in with SPID, the application can be submitted without the need for a signature and will be accepted automatically by the system.
Alternatively, the candidate may register and log in using the credentials issued directly by the platform or authenticate with her/his LOGINMIUR, REPRISE or REFEREES account, if held.
- b) by means of a digital signature, using smart cards, USB tokens or remote signatures, enabling the holder to sign generic documents using PC-based signature software or a web portal for Remote Signature made available by the Certification Authority. If candidates are in possession of a smart card or a Digital Signature USB token, they can verify its compatibility with the Digital Signature system integrated in the server system. If the result is positive, the holder may sign the application directly on the server (e.g. using ConFirma);
- c) those who do not have compatible digital signature devices or are not Remote Digital Signature Holders having access to a portal for signing generic documents, must save the PDF file generated by the system on their PCs and, without modifying it in any way, digitally sign it in CAdES format (a file with a .p7m extension will be generated) or in PAdES format (a file with a .pdf extension will be generated) and must be uploaded to the system again. Any alterations made to the file before the Digital Signature has been affixed will prevent the automatic verification of the exact correspondence between the content of this document and the original, which will result in the exclusion of the application.
- d) in the event that one of the above options cannot be used, the candidate must save the PDF file generated by the system on his/her PC and, without modifying it in any way, print it out and affix a fully legible signature on the last page of the printout. This complete document must be produced in PDF format by scanning, and the resulting file must be uploaded to the system.

All applicants must clearly state their surname and first name, date and place of birth, social security number. Married women must indicate their maiden name.

Applicants must also declare on their own responsibility:

1. their residence and domicile;
2. their nationality;



3. that they have not been convicted of any criminal offences, or if they have been convicted of any offences, indicate the details of the judicial sentences, and any criminal proceedings pending against them;
4. that he/she is not a tenured professor or researcher at a university, or to have previously held such roles and currently ceased to hold them.
5. that they are not related, by blood or by affinity up to the fourth degree, to a tenured professor of the department applying for the position, to the Rector, to the Director General, or to a member of the Board of Directors of the University, or that they are not themselves member of the Board of Directors;
6. that they have not been dismissed from the public service for persistent inadequate performance and have not been declared ineligible for public office pursuant to Article 127, letter d) of Presidential Decree No. 3 of 10.01.1957;
7. they are registered on an electoral roll, indicating the municipality and, if applicable, the reasons for non-registration or cancellation; candidates who are nationals of foreign States must declare that they enjoy civil and political rights in the States to which they belong or from which they come, or the reasons why they do not;
8. that they hold a doctorate or equivalent qualification obtained in Italy or abroad;
9. that they have not held research grant contracts or fixed-term researcher contracts pursuant to Articles 22 and 24 of Law 240/2010, including those with other universities—state, non-state, or online—or with the institutions referred to in Article 22, paragraph 1 of Law 240/2010, for a period which, when added to the duration of the contract being advertised, exceeds a total of 12 years, even if non-continuous;
10. to authorise the University of Cagliari's Teaching Staff Recruitment Sector to send him/her communications relating to the selection process exclusively by means of the certified e-mail address indicated in the application, and to promptly notify any change thereof;
11. that they have read the information notice on data processing by the University of Cagliari for the category 'Citizens', published on the website https://www.unica.it/unica/it/utility_privacy.page.

The omission of any one of the above declarations will result in exclusion from the selection.

All communication between the Teaching Staff Recruitment Sector and candidates will be exclusively by PEC (certified email).

The University accepts no liability for the non-availability of the addressee, for the loss of communications due to the inaccurate indication of the PEC address by the candidate or due to failure or delay in communicating the change of the Certified Electronic Mail address indicated in the application.



ART. 4

(Presentation of academic qualifications and curriculum)

The evaluable qualifications are those indicated in Article 2 of [D.M. 25.05.2011 n. 243](#).

Qualifications and publications, including the doctoral thesis if submitted, must correspond to those indicated in the lists in Article 3.

A maximum of 12 publications, including the doctoral thesis where applicable, will be eligible for evaluation.

If the above qualifications have been obtained in a public administration or public service, Italian citizens and citizens of European Union countries must provide proof of this by means of a declaration in lieu of a certificate or an affidavit, in accordance with Articles 46 and 47 of Presidential Decree 445/2000, by completing the facsimile attached to this call for applications. Citizens of States that are not members of the European Union and who have their normal place of residence in Italy may use the declarations in lieu of certification referred to in Articles 46 and 47, limited to information, personal qualities and facts that can be certified or attested by Italian public bodies.

Non-EU citizens may use the declaration in lieu of certification or an affidavit, limited to cases in which they are required to prove statements, facts and qualities that can be certified or attested to by Italian public or private entities.

The certificates issued by the competent authorities of the non-EU State of which the foreigner is a national must comply with the provisions in force in that State and must also be authenticated by the competent Italian consular authorities.

The administration will carry out appropriate checks on the accuracy of the content of the substitute declarations.

Documents not attached because they have already been submitted to this or another administration and referred to in the application will not be considered.

The Committee will not consider publications that are different from, or in a different edition to, those listed in the annex to the application form.

In the case of works published abroad, the following information should be provided, if possible: the date and place of publication or, alternatively, the ISBN code or other equivalent. For publications published in Italy before 02.09.2006, the obligations must be fulfilled in accordance with the forms provided for in Article 1 of Lieutenant's Decree No. 660 of 31.08.1945; as of 02.09.2006, the obligations must be fulfilled in accordance with the forms provided for in Law No. 106 of 15.04.2004 and the associated regulation issued by Presidential Decree No. 252 of 3.05.2006, by the deadline for applications.

Documents submitted after the deadline will not be considered.



ART. 5

(Exclusion from selection)

Candidates are provisionally admitted to the selection. The Rector may exclude candidates at any time by a motivated decree.

ART. 6

(Selection Committee)

The Selection Committee will be composed of three professors, appointed in accordance with the procedures set out in Article 13 of the current *"Rules and regulations for the recruitment of fixed-term researchers"* at the University of Cagliari", pursuant to Law 30.12.2010, n. 240." Professors who are current members of the Board of Directors and the Academic Senate of this University may not be appointed to the Committees. Professors belonging to the same University may not be members of the Committee.

Any committee member who has more than 50% of his/her academic publications in common with work submitted by any of the candidates shall be considered incompatible and must resign, notifying the University in good time.

The Rector, by his own decree, appoints the Selection committee.

The Rector's Decree appointing the Committee will be published on the University website in the recruitment section, and candidates will be duly informed of this publication.

It is a mandatory obligation for members to participate in the work of the Committee, except in cases where there are justified and documented reasons for absence.

ART. 7

(Work of the Committee)

The first meeting of the Selection Committee is convened by the Internal Committee member, following consultation with the committee itself. At the inaugural meeting of the Selection Board, the members shall elect a Chairperson and a minutes Secretary.

The Committee may conduct its meetings via telematic means, including the one for the interviews with candidates. In this case, the Committee is required to implement suitable instruments and arrangements to guarantee transparency of operations, identification and equal treatment of candidates, and to ensure the smooth and proper conduct of the oral discussion, as well as to guarantee the utmost confidentiality of communications.

In the first session, the Selection Committee defines the methods and criteria for evaluating qualifications and scientific production, also based on the criteria identified by D.M. 25.05.2011 n. 243.

The Person in charge of the procedure, according to Article 10, guarantees its public disclosure by publishing it on the University's website and notifying the applicants. The evaluation criteria will be published on the University's website, and candidates will be informed when this



publication has taken place. The Committee is not allowed to continue its work until five days after the publication date. Following the publication of the evaluation criteria, the Committee will be granted access to the candidate list and the documentation submitted by the applicants for the selection process.

If the number of candidates is equal to or greater than six for each position offered in the competition, the Selection Committee will carry out a preliminary evaluation of the candidates, using the criteria indicated in D.M. 25.05.2011, n. 243, which will conclude with a reasoned analytical assessment of the qualifications, curriculum vitae, and scientific production, including the doctoral or specialization thesis.

Following the preliminary evaluation, the most deserving candidates will be admitted to the public discussion of qualifications and scientific production, in a number between 10 and 20 percent of the total number of candidates and in any case not less than six. All candidates are admitted to the discussion if their number is equal to or less than six.

The admitted candidates will be convened with at least 10 days' notice for the public discussion of qualifications and scientific production and for any assessment of the knowledge of the foreign language indicated in the call for applications. The convocation will be sent via Certified Electronic Mail no less than ten days before the event.

To participate in the aforementioned discussion, candidates must bring a valid identification document.

At the end of the discussion, the Selection Committee, having 100 points available, of which 40 points for qualifications and 60 points for publications, proceeds, based on the predetermined criteria, to assign a score to the qualifications and to each of the publications presented by the candidates admitted to the discussion. Candidates who have obtained a total score equal to or greater than 50 points will pass the selection. At the end of its work, the Committee will draw up a ranking list by majority vote of its members based on the marks obtained by the candidates and will determine the successful candidate in the selection procedure.

The Committee drafts a specific record for each meeting, which includes as an integral and necessary part the judgments/scores expressed on each candidate, as well as the summary report of the work carried out.

The Selection Committee must complete the evaluation procedure within three months of the date of the Rector's appointment decree. The Rector may extend the deadline for completion of the procedure once only, for a maximum period of one month, for justified and exceptional reasons indicated by the Chairperson of the Committee. In the event that the work is not completed within the assigned deadline, the Rector, by reasoned decision, initiates the procedure to replace the members responsible for the delay, while simultaneously assigning a new deadline for the completion of the work.



ART. 8

(Verification of the validity of documents)

The selection documentation shall be approved by Rectoral Decree within thirty days of their delivery to the Offices. The decree approving the documents shall be published on the University website; the candidates and the Department concerned shall be informed of the publication.

ART. 9

(Appointing the successful applicant and stipulation of the employment contract)

The proposal for the appointment of the successful candidate is formulated by the relevant Department with the favorable vote of the absolute majority of full and associate professors of the Department, and subsequent approval of the appointment by resolution of the Board of Directors.

The winners of the selection will be called to sign the fixed-term, full-time contract after the completion of the appointment process.

In the event of a resignation from signing the contract by the selected candidate and in the presence of other candidates who have passed the selection, the Department may propose the appointment of another candidate, following the order of priority established based on the score assigned by the Committee.

The selected candidate, for the purpose of verifying the required qualifications for access, must submit to this Administration, within a non-extendable deadline of thirty days starting from the day following the actual date of employment, the documentation prescribed by the applicable regulations.

A three-year, non-renewable fixed-term, full-time private law employment contract for research, teaching, supplementary teaching, and student services will be signed between the University and the selected candidate. The total annual commitment required from the selected candidate is estimated at 1,500 hours, of which 350 hours must be dedicated to teaching, supplementary teaching, and student services.

The successful candidate will be required to carry out up to a maximum of 60 hours of classroom teaching. These activities will take place in the facilities of the Department indicated in the selection sheet for which the candidate intends to participate.

The holder of the contract will receive an annual gross salary, inclusive of all benefits, equivalent to the initial salary of a full-time tenured researcher.

The social security benefits will be the same as those of a tenured researcher, with the addition of the INPS D.S. contribution.

At the end of each year, the fixed-term researcher will be required to deliver a lecture or seminar within the Department, explaining the advanced training and research activities carried out.



At the end of each year, the researcher will be required to submit to the Director of the Department a report on the results of the research activities carried out and a report on the teaching activities. The fixed-term researcher is subject to the provisions of Article 6, paragraphs 9, 10, 11, and 12 of Law 240/2010, which regulate the incompatibilities related to the legal status of a researcher and the incompatibilities associated with a full-time commitment. During the entire duration of the contract, employees of public administrations are placed on unpaid leave or in a "non-role" status, without salary or social security contributions, in cases where such a status is foreseen by the regulations of their respective employment frameworks.

For the early termination of the contract, the fixed-term researcher is required to give at least 30 days' notice. In the absence of adequate justification for failing to provide notice, the Administration has the right to withhold an amount corresponding to the salary for the notice period not given. In the event of early termination of the employment relationship, the compensation due will be reduced proportionally to the actual months worked.

The fixed-term researcher who terminates the contract early is required to submit a report on the results of the teaching and research activities carried out up to the termination date.

The execution of the contract does not grant any rights to access permanent positions but serves exclusively as a preferential title in competitions for access to public administrations.

ART. 10

(Person in charge of the procedure)

In accordance with Article 5 of Law No. 241 of 7 August 1990, Dr. Enrico Gioffrè, Head of the University's Teaching Staff Recruitment Sector - tel. 070/6752347 - email concorsidoc@unica.it, has been appointed as the person responsible for the procedure, who will ensure that the full procedure is carried out correctly, in accordance with the regulations in force, and that the candidates are informed.

ART. 11

(Processing of personal data)

The University of Cagliari handles the processing of personal data pursuant to the provisions of Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 and Legislative Decree 196/2003, Code for the Protection of Personal Data, respecting human dignity, rights and fundamental freedoms of the person. The information on the processing of data relating to the category of data subjects - citizens - is published at https://www.unica.it/unica/it/utility_privacy.page.



ART. 12

(Publication notice)

A full copy of this notice will be published in the Official Gazette of the Italian Republic “- IV special series – competitions”. A complete copy of the notice will be published on the University website, on the MUR website and on the European Union website.

ART. 13

(Reference for selection procedure)

For anything not provided for in this notice, the relevant provisions in force apply.

Cagliari

The Rector
Signed with digital signature



Annex to the selection notice for the recruitment of No. 1 rtda

CARD NO. 1

Selection code	rtdaM_08D_0525_09/IINF-02
Disciplinary Area	09 - Industrial and information engineering
GSD	09/IINF-02 - Electromagnetic Fields
Profile (SSD) Academic discipline	IINF-02/A - Electromagnetic Fields
Department	Electrical and Electronics Engineering
Foreign language	English
Research activities to be performed by the Rtda:	
<p>The fixed-term researcher (RTDA) will conduct research activities within the Scientific-Disciplinary Sector (SSD) ING-INF/02 – Electromagnetic Fields.</p> <p>The field of applied electromagnetism is increasingly expanding towards the utilisation of electromagnetic fields in complex scenarios characterised by heterogeneous environments and materials with non-negligible losses. This evolution necessitates the re-evaluation and reformulation of classical electromagnetic techniques to address these new contexts.</p> <p>Within this framework, the RTDA will be engaged in the following research areas:</p> <ul style="list-style-type: none">• Electromagnetic imaging and inverse problems;• Antenna design and array synthesis for sensing applications;• Multi-physics analysis with particular emphasis on thermal-electromagnetic coupling;• Numerical and experimental modelling of dielectric properties. <p>Within these research areas, several activities are included as part of the following projects:</p> <ol style="list-style-type: none">1. SPARKS: This project focuses on the multiphysics analysis of sensors operating under harsh environmental conditions.2. AISAC: Specifically related to Operational Research 9 (OR9), this project involves the study of technologies and techniques for the traceability and monitoring of the supply chain.3. EOPAC: Pertaining to Operational Research 1 (OR1), Activity A1.11, this project is dedicated to the design of RF-specific sensor technology. <p>A particular emphasis is placed on developing inversion algorithms to determine the dielectric constant from microwave measurements and studying the effects of temperature on the performance of microwave devices. These developments are significant not only for fundamental research but also for industrial applications of electromagnetic fields.</p>	
Teaching activities that the Rtda will be called upon to perform for a maximum of 60 hours:	
<p>The fixed-term researcher (RTDA) will carry out teaching activities, up to the maximum number of hours allowed by current legislation and University regulations, within courses pertaining to the Scientific Disciplinary Sector IINF-02/A. Particular focus will be given to</p>	



foundational courses and applied courses whose content is related to the planned research activities.

Supplementary teaching and student support service activities to be performed by the Rtda:

The fixed-term researcher (RTDA) will be required to assist students both in preparing for exams related to the Scientific Disciplinary Sector IINF-02/A and in the development of undergraduate and master's theses within the same sector, also acting as supervisor. The RTDA will participate in exam and graduation committees, organize, coordinate, and carry out extracurricular activities in agreement with other faculty members in the sector, and provide support to PhD students conducting research in areas related to the RTDA's field of expertise.