



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 selections for the recruitment of No. 18 tenure track fixed-term researchers (RTT), co-funded by the Ministry of University and Research, and reserved for candidates who have held a fixed-term researcher position of type a), pursuant to Article 24, paragraph 3, letter a) of Law No. 240/2010, as in force prior to the entry into force of Law No. 79 of 29 June 2022, under a three-year contract or a two-year extension expiring in 2025 or 2026 – CUP F83C26001750002 – selection code rttAR_30D_0726.

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 new European Charter for Researchers contained in European Union Council Recommendation C/2023/1640 of 18.12.2023;
HAVING REGARD TO	Decree No. 1411 of 16.12.2021, concerning the "Internal Structure of the Human Resources Strategy for Researchers (HRS4R) at the



	University of Cagliari,” updated and supplemented by Decree No. 521 of 18.04.2023;
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;
HAVING REGARD TO	Ministerial Decree No. 456 of 10.05.2023, which defines the equivalence tables between Italian and foreign academic positions pursuant to Article 18, paragraph 1, letter b) of Law No. 240/2010;
HAVING REGARD TO	Presidential Decree No. 232 of 15.12.2011, Regulations governing the remuneration of university professors and researchers, pursuant to Article 8, paragraphs 1 and 3 of Law No. 240 of 30.12.2010;
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	Legislative Decree No. 49 of 23 March 2012, laying down “Rules governing the planning, monitoring and evaluation of universities’ budgeting and recruitment policies, in implementation of the delegation provided for in Article 5(1) of Law No. 240 of 30 December 2010, and for the achievement of the objectives set out in paragraph 1, letters (b) and (c), in accordance with the regulatory principles and guiding criteria established in paragraph 4, letters (b), (c), (d), (e) and (f), and paragraph 5”
HAVING REGARD TO	Ministerial Decree No. 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	EU Regulation 2016/679 concerning the protection of natural persons with regard to the processing of personal data;



HAVING REGARD TO	the Code of Ethics and Conduct of the University of Cagliari, issued by Rector's Decree No. 351 of 03.04.2025;
HAVING REGARD TO	the current <i>"Rules and regulations for the stipulation of fixed-term tenure track researcher contracts (RTT) at the University of Cagliari"</i> ;
HAVING REGARD TO	Law No. 199 of 30 December 2025, entitled "State Budget for the 2026 Financial Year and Multi-year Budget for the 2026–2028 Three-Year Period", and in particular Article 1, paragraphs 305–309, which provides that: Paragraph 305 <i>"State universities (...) are authorized to recruit (...) fixed-term university researchers referred to in Article 24, paragraph 3, of Law No. 240 of 30 December 2010, (...) following the completion of reserved selection procedures, up to a maximum of 50 per cent, for university researchers recruited under projects funded by the National Recovery and Resilience Plan (PNRR), on the basis of the requirements and in accordance with the procedures set out in paragraph 306 of this Article, and within the limits of the available financial resources referred to in paragraph 307 (...)."</i> Paragraph 306 <i>"Within the limits of the recruitment capacity provided for under current legislation, as supplemented by the resources referred to in paragraph 307, state universities are authorized to recruit the university researchers referred to in paragraph 305, following the completion of the selection procedures set out in Article 24, paragraph 2, of Law No. 240 of 30 December 2010, in which fixed-term university researchers referred to in Article 24, paragraph 3, letter a), of Law No. 240 of 30 December 2010, as in force prior to the entry into effect of Law No. 79 of 29 June 2022, may participate. The procedures referred to in the first sentence shall be reserved, up to a maximum of 50 per cent, for researchers recruited under the contracts referred to in the same Article 24, paragraph 3, letter a), within projects funded by the National Recovery and Resilience Plan (PNRR). Universities shall complete such procedures by 31 December 2026 with regard to personnel whose contracts expire in 2025, and by 31 December 2027 with regard to personnel whose contracts expire in 2026."</i> Paragraph 307 <i>"For the purpose of co-financing the recruitments referred to in paragraph 306, the Ordinary Financing Fund for Universities, referred to in Article 5, paragraph 1, letter a), of Law No. 537 of 24 December 1993, is increased by €11.3 million annually</i>



starting from 2026 and by a further €38.7 million annually starting from 2027. By decree of the Minister of University and Research, the procedures and deadlines for the allocation of these resources among state universities, as well as the criteria governing their distribution, shall be established.”;

Paragraph 308 “The resources referred to in paragraph 307 shall be used to co-finance up to 50 per cent of the expenditure, including social security and pension contributions, within the limits of the allocated funding. The share of expenditure borne by the recruiting university, in addition to the amount set aside for the purposes referred to in Article 24, paragraph 5, of Law No. 240 of 30 December 2010, shall be charged against its ordinary recruitment capacity, within the limits thereof.”;

Paragraph 309 “The resources referred to in paragraph 307 that are not used by state universities for the purposes set out in paragraph 306 shall be allocated proportionally and as an addition to the basic component of the Ordinary Financing Fund for Universities, referred to in Article 5, paragraph 1, letter a), of Law No. 537 of 24 December 1993, to be used within the same reference year.”

HAVING REGARD TO

Ministerial Decree No. 193 of 5 March 2026, which establishes the allocation table among Italian universities of the resources appropriated under the 2026 State Budget Law for the co-financing of recruitment procedures for so-called tenure-track researchers pursuant to Article 24, paragraph 3, of Law No. 240 of 30 December 2010 (RTT positions), reserved for RTDa researchers, namely researchers referred to in Article 24, paragraph 3, letter a), of the same law, as worded prior to Decree-Law No. 36 of 30 April 2022, converted with amendments by Law No. 79 of 29 June 2022;

HAVING REGARD TO

Ministry of University and Research (MUR) Note No. 0000313 of 14 April 2026, providing the operational guidelines for the implementation of the above-mentioned measures;

WHEREAS

the Academic Senate in its meeting of 29.06.2026 expressed a favourable opinion regarding the allocation to the Departments of the 35 positions assigned by the Ministry of University and Research (MUR) through Ministerial Decree No. 193 of 5 March 2026. It mandated the Rector to obtain the resolutions through which the Departments identify, for each allocated position, the relevant Scientific Disciplinary Group (GSD) and the corresponding Scientific-



Disciplinary Sector (SSD), or confirm the GSD and SSD for positions already included in the 2024–2026 three-year planning framework. The Rector was further authorized, once the departmental resolutions have been acquired, to initiate the recruitment procedures through the publication of the relevant selection notices, taking into account the availability of staffing points to be committed as co-financing (0.45 staffing points for each position) and the available budget resources, including the formalization of the funding by the Autonomous Region of Sardinia (RAS);

WHEREAS

that the Board of Directors, in its meeting of 30.06.2026 the allocation to the Departments of the 35 positions assigned by the Ministry of University and Research (MUR) through Ministerial Decree No. 193 of 5 March 2026. It mandated the Rector to obtain the resolutions through which the Departments identify, for each allocated position, the relevant Scientific Disciplinary Group (GSD) and the corresponding Scientific-Disciplinary Sector (SSD), or confirm the GSD and SSD for positions already included in the 2024–2026 three-year planning framework. The Rector was further authorized, once the departmental resolutions have been acquired, to initiate the recruitment procedures through the publication of the relevant selection notices, taking into account the availability of staffing points to be committed as co-financing (0.45 staffing points for each position) and the available budget resources, including the formalization of the funding by the Autonomous Region of Sardinia (RAS);

HAVING REGARD TO

the resolutions by which the Departments identified, for each allocated position, the relevant Scientific Disciplinary Group (GSD) and the corresponding Scientific-Disciplinary Sector (SSD), or confirmed the GSD and SSD for positions already included in the 2024–2026 three-year planning framework;

WHEREAS

by Resolution No. 34/37 of 8 July 2026, the Regional Government of the Autonomous Region of Sardinia allocated, among other measures, three-year funding (2026–2028), drawing on the resources provided under Regional Law No. 7/2007, for the partial coverage of the costs of contracts for 35 tenure-track fixed-term researchers (RTT) – CUP F83C26001750002;

CONSIDERING

that the procedure governed by this call is in line with the University's "Human Resources Excellence in Research" strategy, aimed at

implementing the principles of the European Charter for Researchers, with the goal of fostering an attractive research environment, particularly for “Established Researchers” (R3), through a comparative evaluation of candidates in accordance with the standards of Open, Transparent and Merit-based Recruitment (OTM-R)

ISSUES THE FOLLOWING DECREE:

ART. 1

(Public selections for the recruitment of 18 fixed-term tenure track [RTT] researchers)

The public competitions shown in the following table are to be held at this University for the recruitment of a total of No. 18 Tenure Track Researchers (RTT), by means of a six-year non-renewable employment contract, in accordance with art. 24 of Law No. 240 of 30.12.2010 and the current “*Rules and regulations for the stipulation of fixed-term tenure track researcher contracts (RTT) at the University of Cagliari*”:

N.	N. position	Selection code	GSD	Profile (SSD) academic discipline	Department
1	1	rttAR_30D_0726_02/PHYS-04	02/PHYS-04	PHYS-04/A	Physics
2	1	rttAR_30D_0726_02/PHYS-06	02/PHYS-06	PHYS-06/B	Physics
3	1	rttAR_30D_0726_12/GIUR-05	12/GIUR-05	GIUR-05/A	Law
4	1	rttAR_30D_0726_08/CEAR-03	08/CEAR-03	CEAR-03/C	Civil, Environmental Engineering and Architectural Engineering
5	1	rttAR_30D_0726_09/IBIO-01	09/IBIO-01	IBIO-01/A	Electrical and Electronics Engineering
6	1	rttAR_30D_0726_09/IIND-06	09/IIND-06	IIND-06/B	Mechanical, Chemical and Materials Engineering
7	1	rttAR_30D_0726_09/IMAT-01	09/IMAT-01	IMAT-01/A	Mechanical, Chemical and Materials Engineering
8	1	rttAR_30D_0726_11/PAED-02	11/PAED-02	PAED-02/A	Humanities, Languages and Cultural Heritage
9	2	rttAR_30D_0726_01/INFO-01M	01/INFO-01	INFO-01/A	Mathematics and Computer Science
10	1	rttAR_30D_0726_01/INFO-01P	01/INFO-01	INFO-01/A	Pedagogy, Psychology, Philosophy
11	1	rttAR_30D_0726_06/MEDS-03	06/MEDS-03	MEDS-03/A	Biomedical Sciences
12	1	rttAR_30D_0726_03/CHEM-04	03/CHEM-04	CHEM-04/A	Chemical and Geological Sciences



N.	N. position	Selection code	GSD	Profile (SSD) academic discipline	Department
13	1	rttAR_30D_0726_05/BIOS-01	05/BIOS-01	BIOS-01/C	Life and Environmental Sciences
14	1	rttAR_30D_0726_13/STAT-01	13/STAT-01	STAT-01/A	Economics and Business
15	1	rttAR_30D_0726_06/MEDS-09	06/MEDS-09	MEDS-09/A	Medical Sciences and Public Health
16	1	rttAR_30D_0726_06/MEDS-26	06/MEDS-26	MEDS-26/C	Medical Sciences and Public Health
17	1	rttAR_30D_0726_10/STAA-01	10/STAA-01	STAA-01/J	Political and Social Sciences

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

- a) the number of posts requested by the Department;
- b) the selection code to be indicated in the application;
- c) the Disciplinary Area of academic recruitment fields;
- d) the Scientific-disciplinary Group for which the selection has been announced;
- e) the profile, by indicating one or more academic disciplines (SSD);
- f) the name of the Department that requested the post;
- g) the maximum number of publications that can be submitted;
- h) the foreign language of which candidates will have to prove their knowledge;
- i) a description of the research activity to be carried out by the successful candidate;
- j) a description of the teaching activity to be performed by the successful candidate;
- k) a description of the supplementary teaching and student support service activities to be performed by the successful candidate;
- l) the specification of the structure/facility where the activities will be conducted, together with the types of professional experience required to perform the related clinical duties.

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 procedure referred to in Article 1 is open, without restrictions as to nationality, to candidates holding a PhD degree, or an equivalent qualification obtained in Italy or abroad, or a medical specialization diploma, and who have served as fixed-term researchers of type a) pursuant to Article 24, paragraph 3, letter a), of Law No. 240/2010, as in force prior to the entry into effect of Law No. 79 of 29 June 2022, whose three-year contract or two-year extension expired in 2025 or 2026 and, in any event, by the closing date of this call for applications.

For the purposes of this call, contracts shall be deemed to be “expiring” in 2025 or 2026 both where they are three-year RTDa contracts commenced in 2022 or 2023 (with the natural expiry of the three-year term occurring in 2025 or 2026), and where they are contracts that were granted a two-year extension commencing in 2023 (with expiry occurring in 2025) or in 2024 (with expiry occurring in 2026). Any early termination of contracts whose scheduled expiry date falls after those years shall not be taken into account.

In other words, where an RTDa researcher has already been granted an extension of a three-year contract that would otherwise have naturally expired in 2025 or 2026 (that is, a three-year contract commenced in 2022 or 2023), such extension shall not preclude eligibility to participate in the recruitment procedures under the extraordinary recruitment plan.

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.



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, and those who have already benefited for at least three years from the contracts referred to in the *“Rules and regulations for the stipulation of fixed-term tenure track researcher contracts (RTT) at the University of Cagliari”*.

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

- a scan of a valid identity document and a tax code. Non-European citizens must provide a scan of their valid passport;
- 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 and academic activities;
- a signed and numbered list of the academic publications attached;
- academic publications;
- 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 September 4th, 2026.

The submission of the application must be finalised and completed as follows:

- a) the candidate may register and access the platform using the Italian electronic ID card (CIE) or 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 or CIE, 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. to have served as a fixed-term researcher of type a) pursuant to Article 24, paragraph 3, letter a), of Law No. 240/2010, as in force prior to the entry into effect of Law No. 79 of 29 June 2022, under a three-year contract or a two-year extension expiring during the 2025–2026 biennium and, in any event, by the closing date of this call for applications;
5. that he/she is not a professor/researcher with tenure or has not been and is not currently a professor/researcher, and that he/she has not held for at least three years any contract referred to in the *“Rules and regulations for the stipulation of fixed-term tenure track researcher contracts (RTT) at the University of Cagliari”*.
6. 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;
7. 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;
8. 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;
9. that they hold a doctorate or equivalent qualification obtained in Italy or abroad and to be / to have been, for at least one year, fixed-term researchers of type a), or, for at least three years, holders of one or more research fellowships pursuant to Article 22 of Law No. 240/2010, awarded by Italian Universities;
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 following qualifications and experience will be considered:

- 1) PhDs, or a medical specialisation diploma, for the relevant disciplinary fields, obtained in Italy or abroad;
- 2) teaching appointments at university level in Italy or abroad;
- 3) documented training or research activities at qualified Italian or foreign institutes;
- 4) carrying out of project work in relation to the academic-disciplinary groups where this is expected;
- 5) organisation, management and coordination of, or participation in, national and international research groups;
- 6) ownership of patents in relation to the academic-disciplinary groups in which registration of patents normally occurs;
- 7) participation as a speaker at national and international congresses and conferences;
- 8) achievement of national and international prizes and awards for academic achievement;
- 9) European specialisation diplomas recognised by international boards, in academic-disciplinary groups where such diplomas exist;
- 10) clinical-assistance experience assessed on the basis of the congruence of this activity with the academic-disciplinary group indicated in the call for applications and the duration, continuity, specificity and degree of responsibility therein.

Qualifications and publications must correspond to those indicated in the lists in Article 3.

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.

Candidates may use substitute declarations in place of certificates or the act of notoriety, limited to cases where it involves proving certifiable or attestable states, facts, and qualities by Italian public entities authorities.

In all other cases, certificates issued by the competent authorities of the foreign State must be attached. Such certificates must comply with the regulations in force in that foreign State and must also be legalized 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.

Only the maximum number of publications indicated in the form of the competition in which the candidate intends to participate will be taken into account. In any case, only those publications included in the list attached to the application shall be taken into consideration for evaluation.

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 Committees, one for each selection, will be composed of three professors, appointed in accordance with the procedures set out in Article 8 of the current *"Rules and regulations for the stipulation of fixed-term tenure track researcher contracts (RTT) at the University of Cagliari"*.

The appointment of a committee member is limited to two procedures per year.

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.

The interview shall be conducted in person, unless otherwise decided by the Selection Committee, which may opt to hold it remotely using appropriate technological tools and measures to ensure the transparency of the proceedings, the identification of candidates, and equal treatment of all participants, while also ensuring the proper and orderly conduct of the oral discussion and guaranteeing the highest possible level of confidentiality of communications.

The assessment of qualifications, curriculum and academic production is carried out on the basis of the following general criteria, which are also recognised internationally and in line with the criteria identified by the Minister's decree:

a) evaluation of qualifications and curriculum:

- a1) PhDs, or a medical specialisation diploma, for the relevant disciplinary fields, obtained in Italy or abroad;
- a2) teaching assignments at university level in Italy or abroad;
- a3) documented training or research activities at qualified Italian or foreign institutes;
- a4) carrying out of project work in relation to the academic-disciplinary groups where this is normally expected;
- a5) organisation, direction and coordination of, or participation in, national and international research groups;
- a6) ownership of patents in relation to the academic-disciplinary groups in which registration of patents normally occurs;

- a7) participation as a speaker at national and international congresses and conferences;
- a8) attainment of national and international recognition and awards for academic achievement;
- a9) European specialisation diplomas recognised by international boards, in academic-disciplinary groups where such diplomas exist;

b) Evaluation of academic production:

- b1) coherence with the themes of the academic-disciplinary group;
- b2) individual contribution in collaborative work;
- b3) quality of academic publications, assessed within the international research landscape, on the basis of originality, methodological rigour and innovative content;
- b4) academic publishing record in series or journals of national or international importance.
- b5) within the academic disciplines in which it is internationally established, the following indicators will also be used by the committees to assess publications, with reference to the closing date for applications:
 - total number of citations;
 - average number of citations per publication;
 - total 'impact factor';
 - average 'impact factor' per publication;
 - combinations of the above parameters to enhance the impact of the candidate's academic output (Hirsch index or similar)

c) carrying out activities in the clinical field (with regard to those academic-disciplinary groups where such specific competences are required):

- c1) clinical-assistance activity assessed on the basis of the congruence of this activity with the academic-disciplinary group indicated in the call for applications and its duration, continuity, specificity and degree of responsibility.

The numerical weight given to the general criteria will be:

- between 55 and 70 points for the evaluation of academic publications;
- between 30 and 45 points for the evaluation of qualifications and curriculum;
- between 5 and 10 points for the evaluation of activity in the clinical field.

The sum of the individual numerical weights must in all cases be equal to 100 points.

On the basis of the general criteria set out above, the Committee will, at its first meeting, specify and/or detail how they will be applied and the maximum weight to be given to each of them.

The assessment criteria established by the Committee will be published on the University's

website and candidates will be notified of the publication. The Committee may not continue its work until five days have elapsed from the date of publication.

Once publication terms have passed, the Committee will have access to the list of candidates and the documents they have submitted for selection.

If there are seven or more candidates for each post advertised, the selection board shall make a preliminary assessment of the candidates on the basis of the criteria laid down by decree of the Minister, which shall conclude with a reasoned analytical assessment of their qualifications, curriculum vitae and academic production, including doctoral or specialisation theses.

Following the preliminary assessment, the most deserving candidates will be invited to a public discussion on their qualifications and academic production, representing between 10 and 20 per cent of the number of candidates, but at least six for each position to be filled.

All candidates shall be admitted to the discussion if their number is six or less.

Admitted candidates will be invited at least 10 days in advance to discuss their qualifications and academic work and, if necessary, to check their knowledge of the foreign language specified in the notice;

The Committee then evaluates the qualifications and each of the publications submitted by the candidates admitted to the interview stage, on the basis of the predetermined criteria. Candidates with a total of 60 points or more will be selected.

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 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.

If the time limit for the completion of the work expires without the documents being submitted, the Rector shall declare the Committee dissolved and appoint a new one to replace the previous one.

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 successful candidate shall be called upon by resolution Electrical power systems of the Board of Directors, after the Department concerned has been informed.

The successful candidate shall be invited to sign the fixed-term contract within a mandatory period of ninety days from the date of approval of the selection documents.

If the successful candidate declines the contract or resigns within six months of taking up his duties, the Board of Directors may, after consulting the department concerned, authorise the appointment of another candidate in the order of priority established on the basis of the ranking list drawn up by the Committee.

The contract may be full-time or part-time. When signing the contract, the RTT shall choose between full-time and part-time employment.

The successful candidate must have a digital signature in order to sign the contract.

If a candidate is successful in more than one selection procedure, only one fixed-term researcher contract may be awarded.

The successful candidate will be required to provide the administration with the documents required by the applicable regulations for the purpose of verifying the conditions of access within the deadline set and, in any case, before the signing of the contract.

A six-year, non-renewable, full-time or part-time employment contract under Private Law will be entered into between the University and the successful candidate for the performance of research, teaching, supplementary teaching and student support service activities.

The total annual commitment required of RTTs is that set out in Article 6(1) of Law No. 240/2010, according to the type of work contract. A total of 350 hours must be devoted to teaching, supplementary teaching and student support service activities for the full-time regime and 200 hours for the part-time regime. For the allocation of teaching duties and the related rights and obligations, reference is made to the current *Regulations for the assignment of teaching, supplementary teaching and tutoring duties*.

The contract will specify the procedures for carrying out research, teaching, complementary teaching and student support services activities, to be agreed with the Head of Department, in accordance with what is specified in the call for applications.

If the RTT is to carry out his/her activities in a department of the medical field where support and care activities are required, they will be carried out in accordance with the existing agreements with the Autonomous Region of Sardinia and the University Hospital and Clinics. The holder of the contract will be entitled to a fixed gross annual salary equal to the initial salary of the confirmed permanent researcher, depending on the employment regime chosen. This salary is increased by 25% for the entire duration of the contract, subject to the evaluation of the research and teaching activities carried out by the Department Council at the end of each year.

The social security scheme is the same as that of a permanent researcher, to which the INPS D.S. contribution is added.

At the end of each year, the RTT will have the opportunity to give a lecture/seminar in the department to which he/she belongs, explaining the teaching and research activities carried out.

At the end of each year, the RTT must also submit a report on the results of the research activity carried out and a report on the teaching activity to the head of the department concerned.

The duration of the contract established with the contractor shall not include periods of maternity, paternity or sickness leave in accordance with the legislation in force, at the request of the contractor.

The provisions set out in paragraphs 9, 10, 11 and 12 of Law 240/2010, which regulate the incompatibilities related to the legal status of researchers and the incompatibilities related to the full-time or fixed-term employment regime, also apply to RTTs. The RTT position is incompatible with any other kind of employment contract with public or private entities, the holding of research contracts (including at other universities or public research institutions), doctoral fellowships and any fellowship for any reason granted by national or foreign institutions. The only exception to this is international mobility for research purposes. During the entire duration of the contract, employees of public administrations will be placed on leave, without salary or social security contributions, or in an out-of-role position if such a position is provided for by their respective regulations.

In the event of early termination of the contract, the fixed-term researcher is required to provide at least 30 days' notice. In the event of failure to provide the requisite notice without adequate justification, the Administration shall be entitled to withhold from the RTT an amount equal to the remuneration for the period of notice not given.

In the event of the contract being terminated prematurely, the remuneration due shall be reduced in proportion to the number of months actually worked.

In the event of a fixed-term researcher terminating their contract prematurely, they are required to submit a report on the results of their teaching and research activities up to the date of termination.

Fulfilling the terms of the contract does not entitle the employee to any specific rights to access positions. It will, however, mean preferential treatment for access to public administration competitions.

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. 18 RTT

CARD NO. 1

Number of posts	1	Selection code	rttAR_30D_0726_02/PHYS-04
Disciplinary Area	02 - Physics		
GSD	02/PHYS-04 - Theoretical physics of matter, models, mathematical methods and applications		
Profile (SSD) Academic discipline	02/PHYS-04/A - Theoretical physics of matter, models, mathematical methods and applications		
Department	Physics		
Foreign language	English		
Maximum number of publications that can be submitted			12
Research activities to be performed by the RTT:			
Research activities in the field of theoretical and computational condensed matter physics, to be carried out in synergy with the ongoing research activities of the Department of Physics.			
Teaching activities that the RTT will be called upon to perform for a maximum of 60 hours (or 90 in the case of a National Academic Qualification-ASN):			
Teaching duties shall include service courses (excluding laboratory courses), in accordance with the teaching plan approved annually by the Department of Physics, as well as specialized courses in Condensed Matter Physics within the relevant Scientific-Disciplinary Sector.			
Supplementary teaching and student support service activities to be performed by the RTT:			
Supervision of Bachelor's, Master's, and PhD theses in the field of theoretical and computational condensed matter physics. Tutoring activities and the delivery of supplementary teaching sessions in accordance with the educational needs of the Department of Physics. Participation in the Department of Physics’ public engagement activities, with particular reference to student outreach and guidance, lifelong learning initiatives, and science communication events for the general public.			



Annex to the selection notice for the recruitment of No. 18 RTT

CARD NO. 2

Number of posts	1	Selection code	rttAR_30D_0726_02/PHYS-06
Disciplinary Area	02 - Physics		
GSD	02/PHYS-06 - Physics for life sciences, environment, and cultural heritage, physics education and history of physics		
Profile (SSD) Academic discipline	PHYS-06/B - Physics education and history of physics		
Department	Physics		
Foreign language	English		
Maximum number of publications that can be submitted			12
Research activities to be performed by the RTT:			
Research activities falling within the scope of the Scientific Disciplinary Group (GSD) and the Scientific-Disciplinary Sector (SSD), with particular reference to physics education and the history of physics. Special attention will be devoted to the study of generative artificial intelligence in discipline-based teaching, integrated with STEAM approaches, as an epistemic and dialogical tool for the construction, representation, and communication of physics knowledge throughout the entire educational pathway. Significant involvement is also expected in all University initiatives relating to artificial intelligence and teaching. The activities will be carried out within an interdisciplinary framework that includes collaboration with research institutions, including through joint research and project-based initiatives.			
Teaching activities that the RTT will be called upon to perform for a maximum of 60 hours (or 90 in the case of a National Academic Qualification-ASN):			
Teaching responsibilities shall include, in accordance with the teaching plan approved annually by the Department of Physics, the delivery of courses and educational activities within the Scientific-Disciplinary Sector PHYS-06/B, with particular reference to physics education and the history of physics for the Master's Degree programmes in Physics and Mathematics and for the PhD Programme in Physics; science communication and public engagement for the Master's Degree programme in Philosophy; Physics Laboratory courses for the Degree Programme in Primary Education Sciences; and introductory Physics courses. Depending on departmental needs, teaching activities may also include service courses.			
Supplementary teaching and student support service activities to be performed by the RTT:			
Within the courses pertaining to the relevant Scientific-Disciplinary Sector, the RTT researcher shall provide supervision and support for the preparation of dissertations and theses at the Bachelor's, Master's, and PhD levels in the field of physics education and the			



history of physics; tutoring activities; supplementary seminars; teaching laboratories; and participation in Degree and Examination Committees. In addition, active collaboration is required in dissemination and outreach initiatives, including those related to the use of artificial intelligence and to scientific research projects in the region, such as the Einstein Telescope project.



Annex to the selection notice for the recruitment of No. 18 RTT

CARD NO. 3

Number of posts	1	Selection code	rttAR_30D_0726_12/GIUR-05
Disciplinary Area	12 - Law studies		
GSD	12/GIUR-05 – Constitutional and public law		
Profile (SSD) Academic discipline	GIUR-05/A – Constitutional and public law		
Department	Law		
Foreign language	English		
Maximum number of publications that can be submitted			12
Research activities to be performed by the RTT:			
The RTT researcher shall be required to carry out scientific research activities related to the topics that fall within the specific scope of the Scientific-Disciplinary Sector GIUR-05/A – Constitutional and Public Law.			
Teaching activities that the RTT will be called upon to perform for a maximum of 60 hours (or 90 in the case of a National Academic Qualification-ASN):			
The RTT researcher shall be required to teach the courses offered at University level within the Scientific-Disciplinary Sector GIUR-05/A – Constitutional and Public Law.			
Supplementary teaching and student support service activities to be performed by the RTT:			
The RTT researcher shall be required to carry out supplementary teaching activities and student support services related to the courses offered within the Scientific-Disciplinary Sector GIUR-05/A – Constitutional and Public Law.			

Annex to the selection notice for the recruitment of No. 18 RTT

CARD NO. 4

Number of posts	1	Selection code	rttAR_30D_0726_08/CEAR-03
Disciplinary Area	08 - Civil engineering and architecture		
GSD	08/CEAR-03 - Infrastructure and transport engineering, real estate appraisal and project evaluation		
Profile (SSD) Academic discipline	CEAR-03/C - Real estate appraisal and project evaluation		
Department	Civil, Environmental Engineering and Architectural Engineering		
Lingua straniera	English		
Maximum number of publications that can be submitted		12	
Research activities to be performed by the RTT:			
The RTT researcher will collaborate with the Department’s research group in Appraisal and Evaluation in the development of innovative models and approaches for the assessment and monitoring of programmes, policies, plans, and urban and territorial transformation projects, with particular emphasis on urban regeneration, environmental quality, and the reduction of inequalities. The research activity will focus on the design of tools for multicriteria sustainability analysis and evaluation, the development of scenarios for managing transformation processes, and the advancement of innovative methodologies to support decision-making processes. The position will also involve participation in national and international research projects consistent with the themes and objectives of the relevant Scientific-Disciplinary Sector.			
Teaching activities that the RTT will be called upon to perform for a maximum of 60 hours (or 90 in the case of a National Academic Qualification-ASN):			
The RTT researcher shall be required to undertake teaching activities in courses related to the field of Appraisal and Evaluation within the Degree Programmes that include teaching activities in the Scientific-Disciplinary Sector CEAR-03/C, with particular reference to the Degree Programmes in Architecture, Civil and Environmental Engineering, and the professionally oriented Bachelor's Degree Programme in Construction and Territorial Techniques (Class LP-01).			
Supplementary teaching and student support service activities to be performed by the RTT:			
The RTT researcher shall be required to carry out supplementary teaching activities and provide academic support to students within courses pertaining to the Scientific-Disciplinary Sector CEAR-03/C, including participation in examination boards and the supervision of degree theses within the same sector. In parallel, the RTT researcher shall be			



involved in supplementary teaching activities within PhD programmes, Master's programmes, and Specialization Schools, while also contributing to the institutional activities of the Department and the University.



Annex to the selection notice for the recruitment of No. 18 RTT

CARD NO. 5

Number of posts	1	Selection code	rttAR_30D_0726_09/IBIO-01
Disciplinary Area	09 - Industrial and information engineering		
GSD	09/IBIO-01 - Bioengineering		
Profile (SSD) Academic discipline	IBIO-01/A - Bioengineering		
Department	Electrical and Electronics Engineering		
Lingua straniera	English		
Maximum number of publications that can be submitted			12
Research activities to be performed by the RTT:			
The RTT researcher shall carry out research activities in the field of organic bioelectronics, with particular reference to the design, fabrication, and characterization of innovative electronic devices (biosensors and bioelectronic systems) based on organic semiconductors and advanced materials for applications in diagnostics, monitoring, and personalized medicine. Particular attention shall be devoted to wearable, epidermal, ultra-thin, and conformable electronics technologies. The RTT researcher will also be involved in the management, development, and enhancement of the bioelectronics and biosensors laboratories of the University of Cagliari, supporting experimental research activities and advanced training in the fields of organic bioelectronics and biosensing, and collaborating with the MeDSP Lab in characterization and in vivo validation activities. In addition, the RTT researcher shall engage in fundraising activities and participate in research projects funded through competitive calls, with the aim of consolidating and expanding the existing research network.			
Teaching activities that the RTT will be called upon to perform for a maximum of 60 hours (or 90 in the case of a National Academic Qualification-ASN):			
The appointed RTT researcher shall be required to undertake teaching activities within the academic field covered by this selection procedure, both in the Bachelor's Degree Programme and in the inter-university Master's Degree Programme in Biomedical Engineering, with particular reference to courses in the area of Information Bioengineering, especially those focusing on organic bioelectronics, biosensors, and biomedical instrumentation. In addition, the RTT researcher may be required to carry out teaching activities of a similar nature within degree programmes offered by the Faculty of Biology and Pharmacy, particularly the Degree Programme in Biotechnology.			
Supplementary teaching and student support service activities to be performed by the RTT:			



The RTT researcher shall organize and conduct extracurricular educational activities for the benefit of students and PhD candidates, supervise thesis projects within the above-mentioned degree programmes, and provide tutoring activities for doctoral students in the relevant disciplinary field. The RTT researcher shall also support the vertically integrated Degree Programme in Biomedical Engineering and actively participate in the related academic committees.

Annex to the selection notice for the recruitment of No. 18 RTT

CARD NO. 6

Number of posts	1	Selection code	rttAR_30D_0726_09/IIND-06
Disciplinary Area	09 - Industrial and information engineering		
GSD	09/IIND-06 - Fluid machinery, energy systems and power F generation		
Profile (SSD) Academic discipline	IIND-06/B - Energy Systems and Power Generation		
Department	Mechanical, Chemical and Materials Engineering		
Lingua straniera	English		
Maximum number of publications that can be submitted		12	
Research activities to be performed by the RTT:			
The RTT researcher shall be required to carry out research activities in the field of Energy and Environmental Technologies, with particular reference to energy systems powered by renewable energy sources, energy storage systems, and the production and utilization of hydrogen and other renewable energy carriers. The research activity will focus on the modelling, numerical simulation, thermo-fluid dynamic, energy, exergy, and techno-economic analysis of systems for the production of electrical and thermal energy from renewable sources, both conventional and innovative; electrical and thermal energy storage systems (including CAES – Compressed Air Energy Storage, PTES – Pumped Thermal Energy Storage, pumped hydropower plants, sensible and latent thermal storage systems, and electrochemical storage systems); and plants for the production, storage, and utilization of hydrogen and synthetic fuels derived from hydrogen (such as methane, methanol, and ammonia). The activity will include the study of the performance of individual components and, above all, the development of integrated plant configurations combining renewable energy sources, storage systems, and energy conversion processes through advanced dynamic simulation methodologies, multi-objective optimization techniques, and management strategies aimed at maximizing system flexibility, dispatchability, and overall efficiency. Particular attention will be devoted to the development of innovative energy systems for the decarbonization of the electricity and industrial sectors; the integration of non-dispatchable renewable energy sources with energy storage and Power-to-X technologies; the assessment of the energy, environmental, and economic sustainability of different plant configurations; and the development of advanced methodologies in these fields.			
Teaching activities that the RTT will be called upon to perform for a maximum of 60 hours (or 90 in the case of a National Academic Qualification-ASN):			



The RTT researcher shall be assigned a teaching load of 60 hours in relation to courses within the Scientific-Disciplinary Sector IIND-06/B included in the University's Bachelor's and Master's Degree programmes. Should the RTT researcher hold the National Scientific Qualification (Abilitazione Scientifica Nazionale – ASN), this teaching load may be increased to up to 90 hours.

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

The RTT researcher shall be required to carry out teaching support activities (including classroom exercises and student assistance) in relation to courses within the Scientific-Disciplinary Sector IIND-06/B and shall participate in the corresponding examination sessions. The RTT researcher shall also provide supervision and support to students undertaking Bachelor's, Master's, and PhD theses on topics related to the field of energy conversion systems and their interactions with the environment.



Annex to the selection notice for the recruitment of No. 18 RTT

CARD NO. 7

Number of posts	1	Selection code	rttAR_30D_0726_09/IMAT-01
Disciplinary Area	09 - Industrial and information engineering		
GSD	09/IMAT-01 - Materials science and technology		
Profile (SSD) Academic discipline	IMAT-01/A - Materials Science and Technology		
Department	Mechanical, Chemical and Materials Engineering		
Lingua straniera	English		
Maximum number of publications that can be submitted			12
Research activities to be performed by the RTT:			
The RTT researcher shall be required to carry out research activities in the field of Materials Science and Technology, with particular reference to construction materials, both historical and modern, and to the study of the relationships among composition, microstructure, transformation processes, properties, and in-service performance. The research activity will focus on the analysis, characterization, and design of materials and material systems of engineering interest, with particular attention to degradation phenomena, durability, conservation, restoration, and the development of innovative and sustainable solutions. Such activities shall be carried out in coherence with the research lines already established within the host Department, contributing to their consolidation and further scientific and technological development. More specifically, the experimental activity may involve the multi-analytical characterization of traditional, historical, innovative, and low-environmental-impact construction materials through chemical, physical, microstructural, mineralogical, and mechanical investigation techniques, including, by way of example, X-ray diffraction, optical and electron microscopy, porosimetric analysis, mechanical testing, durability testing, and accelerated ageing protocols. The RTT researcher may also engage in the development and optimization of environmentally sustainable materials, including through the use of secondary raw materials, industrial by-products, natural or recycled resources, as well as through low-environmental-impact manufacturing processes, including chemical, mechanochemical, and combined processing routes. The research activity will further include the formulation and application of first-principles, phenomenological, analytical, and numerical models for materials monitoring and the prediction of degradation processes, capable of integrating environmental data, material properties, and microstructural and performance parameters. Such approaches may be aimed at assessing durability, planning conservation and maintenance strategies, improving material performance, and protecting the environment.			



Teaching activities that the RTT will be called upon to perform for a maximum of 60 hours (or 90 in the case of a National Academic Qualification-ASN):

The fixed-term researcher shall be required to carry out teaching activities related to Materials Science and Technology within the various Degree Programmes offered by the Faculty of Engineering and Architecture.

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

The fixed-term researcher shall be required to carry out supplementary teaching activities, including practical classes, tutoring, and seminar activities within Bachelor's, Specialist/Master's, and PhD degree programmes. Within their areas of expertise, the researcher shall also provide support for the research activities of undergraduate and postgraduate thesis students, scholarship holders, PhD candidates, and research fellows.



Annex to the selection notice for the recruitment of No. 18 RTT

CARD NO. 8

Number of posts	1	Selection code	rttAR_30D_0726_11/PAED-02
Disciplinary Area	11 - History, philosophy, pedagogy and psychology		
GSD	11/PAED-02 - Educational research, didactics, special pedagogy and experimental pedagogy		
Profile (SSD) Academic discipline	PAED-02/A - Didactics and Special pedagogy		
Department	Humanities, Languages and Cultural Heritage		
Lingua straniera	English		
Maximum number of publications that can be submitted		12	
Research activities to be performed by the RTT:			
The RTT researcher shall be engaged in research activities consistent with the reference research lines identified by the Department of Humanities, Languages and Cultural Heritage for the Scientific-Disciplinary Sector PAED-02/A, with particular focus on processes of educational and social inclusion at both national and international levels. Accordingly, research activities shall address themes and areas related to educational technologies, Artificial Intelligence, Universal Design for Learning (UDL), and the exploration of the potential of digital and assistive technologies to enhance teaching and learning processes, with specific attention to accessibility and the participation of students with special educational needs. Particular emphasis shall also be placed on the training and professional development of teachers in these fields.			
Teaching activities that the RTT will be called upon to perform for a maximum of 60 hours (or 90 in the case of a National Academic Qualification-ASN):			
Teaching activities shall be carried out in subjects pertaining to the Scientific-Disciplinary Sector PAED-02/A, within Bachelor's and Master's Degree programmes, in accordance with the Department's teaching plan, with particular regard to the needs of the Faculty of Humanities. Teaching responsibilities may also include the various types of qualifying and specialization programmes for teacher education and training.			
Supplementary teaching and student support service activities to be performed by the RTT:			
The RTT researcher shall be required to carry out supplementary teaching activities for students, including practical classes, seminars, and tutoring activities. The RTT researcher shall also provide support to undergraduate and postgraduate students in conducting research for their degree dissertations, as well as to PhD candidates in research activities within their areas of expertise.			



Annex to the selection notice for the recruitment of No. 18 RTT

CARD NO. 9

Number of posts	2	Selection code	rttAR_30D_0726_01/INFO-01M
Disciplinary Area	01 - Mathematics and informatics		
GSD	01/INFO-01 - Informatics		
Profile (SSD) Academic discipline	INFO-01/A - Informatics		
Department	Mathematics and Computer Science		
Lingua straniera	English		
Maximum number of publications that can be submitted			12
Research activities to be performed by the RTT:			
The researcher shall be required to carry out research activities on topics falling within the scope of Competition Sector 01/INFO-01, with particular reference to innovative methodologies and approaches in the research areas currently pursued within the Department of Mathematics and Computer Science.			
Teaching activities that the RTT will be called upon to perform for a maximum of 60 hours (or 90 in the case of a National Academic Qualification-ASN):			
Classroom teaching activities shall consist of the delivery of courses within the Scientific-Disciplinary Sector INFO-01/A at the Bachelor's, Master's, and PhD levels			
Supplementary teaching and student support service activities to be performed by the RTT:			
Supplementary teaching activities, within the framework of the teaching programme of the Department of Mathematics and Computer Science, shall include the organization and delivery of practical classes, assistance with examinations, and the supervision and tutoring of undergraduate and PhD students.			



Annex to the selection notice for the recruitment of No. 18 RTT

CARD NO. 10

Number of posts	1	Selection code	rttAR_30D_0726_01/INFO-01P
Disciplinary Area	01 - Mathematics and informatics		
GSD	01/INFO-01 - Informatics		
Profile (SSD) Academic discipline	INFO-01/A - Informatics		
Department	Pedagogy, Psychology, Philosophy		
Lingua straniera	English		
Maximum number of publications that can be submitted			12
Research activities to be performed by the RTT:			
The research activities to be carried out by the RTT researcher will concern the application of information technology methodologies and technologies to a variety of domains, including communication, the humanities and philosophy, and the psycho-pedagogical disciplines; artificial intelligence, machine learning, image processing, and computer vision applied to the humanities and education; and the design, development, and evaluation of digital platforms for e-learning and training, with particular reference to software architectures, intelligent systems for adaptive learning, learning analytics, recommendation systems, interoperability among platforms, and the use of artificial intelligence techniques to support teaching and learning processes.			
Teaching activities that the RTT will be called upon to perform for a maximum of 60 hours (or 90 in the case of a National Academic Qualification-ASN):			
The RTT researcher shall be required to carry out teaching activities within courses falling under the Scientific Disciplinary Group (GSD) 01/INFO-01 – Computer Science. Teaching activities may be conducted either in person or online, where provided for by the relevant Degree Programme. In accordance with the needs of the Department of Pedagogy, Psychology and Philosophy, and within the framework of its teaching programme, the RTT researcher shall carry out curricular, supplementary and tutoring activities within the Degree Programmes affiliated with the Department. The researcher may also be involved in teaching activities within the PhD Programme in Philosophy, Epistemology and Human Sciences, according to the needs of the Faculty of Humanities and the University, and shall assume a teaching load in compliance with the applicable regulations. The RTT researcher shall also serve on committees established by the Departmental governing bodies or by the Degree Programme Boards.			
Supplementary teaching and student support service activities to be performed by the RTT:			



The tenure-track researcher (RTT) shall be required to carry out supplementary teaching and student support activities through the delivery of seminars and laboratory sessions, as well as through regular student office hours. The RTT researcher shall also provide appropriate supervision and support to students engaged in the preparation of their degree theses and offer assistance to PhD candidates conducting research in areas of expertise related to those of the researcher.

Annex to the selection notice for the recruitment of No. 18 RTT

CARD NO. 11

Number of posts	1	Selection code	rttAR_30D_0726_06/MEDS-03
Disciplinary Area	06 - Medicine		
GSD	06/MEDS-03 - Microbiology and clinical microbiology		
Profile (SSD) Academic discipline	MEDS-03/A - Microbiology and clinical microbiology		
Department	Biomedical Sciences		
Lingua straniera	English		
Maximum number of publications that can be submitted			12
Research activities to be performed by the RTT:			
The RTT researcher shall carry out research activities in the field of molecular microbiology and virology, with particular reference to the study of interactions between microorganisms and the human host under both physiological and pathological conditions. These activities shall be aimed at understanding the molecular and cellular mechanisms underlying host–pathogen interactions, including the processes of colonization, infection, and the host immune response. The research profile will focus in particular on the study of the human microbiota and virobiota in both health and disease, with special attention to their relationships with environmental, nutritional, and host clinical-biological factors, including parameters related to lifestyle, physiopathological status, and ongoing therapeutic treatments. This approach will be directed towards understanding the role of microbial communities in modulating host homeostasis and in the transition to pathological conditions. Research activities will also be aimed at identifying potential specific targets for the treatment and prevention of related infectious diseases. Furthermore, the researcher shall contribute to the development of viral models for the in vitro evaluation of the efficacy of novel synthetic and natural compounds.			
Teaching activities that the RTT will be called upon to perform for a maximum of 60 hours (or 90 in the case of a National Academic Qualification-ASN):			
The researcher shall be required to carry out teaching activities within the Scientific-Disciplinary Sector MEDS-03/A – Microbiology and Clinical Microbiology, through the assignment of courses and teaching modules within degree programmes in the medical and health sciences area.			
Supplementary teaching and student support service activities to be performed by the RTT:			
The researcher shall be required to carry out supplementary teaching and student support activities within the Scientific-Disciplinary Sector MEDS-03/A – Microbiology and Clinical			



Microbiology. Such activities shall include support for theoretical and practical training sessions, as well as tutoring and supervision of laboratory activities within degree programmes in the medical and health sciences area. The RTT researcher shall also be involved in practical laboratory training activities related to research, aimed at undergraduate thesis students, PhD candidates, and medical residents, with the objective of developing operational skills in the main microbiological, virological, and molecular techniques.



Annex to the selection notice for the recruitment of No. 18 RTT

CARD NO. 12

Number of posts	1	Selection code	rttAR_30D_0726_03/CHEM-04
Disciplinary Area	03 – Chemistry		
GSD	03/CHEM-04 – Industrial chemistry		
Profile (SSD) Academic discipline	CHEM-04/A – Industrial chemistry		
Department	Chemical and Geological Sciences		
Lingua straniera	English		
Maximum number of publications that can be submitted			12
Research activities to be performed by the RTT:			
Research activities will focus on the synthesis and characterization of nanostructured micro- and mesoporous solids, and on the investigation of their properties as catalysts and sorbents for applications in the fields of energy and sustainable chemistry. Appropriate physico-chemical techniques will be employed for the structural and textural characterization of the new materials, whose surface properties may be further explored through techniques based on the adsorption of suitable probe molecules. The evaluation of their performance, primarily in processes involving the use of renewable feedstocks, the conversion of secondary raw materials, and the removal of pollutants from gaseous mixtures, will be carried out using both continuous-flow and batch laboratory-scale reactors.			
Teaching activities that the RTT will be called upon to perform for a maximum of 60 hours (or 90 in the case of a National Academic Qualification-ASN):			
The teaching commitment shall consist of delivering courses within the Scientific-Disciplinary Sector CHEM-04/A as part of the Bachelor's and Master's Degree Programmes for which the Department of Chemical and Geological Sciences is responsible, as well as within all other Bachelor's and Master's Degree Programmes to which the Department contributes across the University. Teaching activities will cover topics traditionally associated with Industrial Chemistry, including the thermodynamic, kinetic, and catalytic aspects of industrial processes, with particular emphasis on the use of renewable feedstocks and carbon capture and utilization (CCU) technologies.			
Supplementary teaching and student support service activities to be performed by the RTT:			
Supplementary teaching and student support activities shall include the supervision of thesis work carried out by students enrolled in the Bachelor's Degree Programme in			



Chemistry and the Master's Degree Programme in Chemical Sciences, as well as by PhD candidates in Chemical Sciences and Technologies.



Annex to the selection notice for the recruitment of No. 18 RTT

CARD NO. 13

Number of posts	1	Selection code	rttAR_30D_0726_05/BIOS-01
Disciplinary Area	05 - Botany		
GSD	05/BIOS-01 – Botany		
Profile (SSD) Academic discipline	BIOS-01/C – Environmental and Applied Botany		
Department	Life and Environmental Sciences		
Lingua straniera	English		
Maximum number of publications that can be submitted			12
Research activities to be performed by the RTT:			
The research activity will be carried out within the Scientific-Disciplinary Sector BIOS-01/C – Environmental and Applied Botany and will focus on the study of photosynthetic organisms, fungi, and mutualistic symbioses, according to approaches characteristic of environmental botany, plant ecology, and landscape ecology. Particular attention will be devoted to the study of biodiversity at the species, population, community, and landscape levels, to environmental planning, and to the assessment of the effects of global change on natural, semi-natural, and anthropogenic ecosystems. Within this framework, special emphasis will be placed on Mediterranean coastal and transitional environments, through activities aimed at the conservation and ecological restoration of ecosystems, as well as the enhancement of natural capital and ecosystem services.			
Teaching activities that the RTT will be called upon to perform for a maximum of 60 hours (or 90 in the case of a National Academic Qualification-ASN):			
Teaching activities will be carried out within degree programmes in the biological, natural sciences, and environmental fields, with particular reference to topics in environmental botany, plant ecology, environmental monitoring, biodiversity conservation, and ecosystem services. Teaching, which may also be delivered in English, may address plant–environment interactions, the sustainable management of plant resources, plant distribution and adaptations, biological invasions, and the effects of global change. It will include lectures, practical classes, laboratory and field activities, with particular attention to the development of interactive and practice-oriented teaching approaches focusing on environmental monitoring, environmental planning, and ecological restoration.			
Supplementary teaching and student support service activities to be performed by the RTT:			



The activities shall include tutoring, student office hours, assistance in exam preparation, and support for practical classes, laboratory activities, and fieldwork related to the collection, analysis, and management of botanical data. Supervision and support for degree theses, internships, and doctoral training pathways are also envisaged, including within the framework of international mobility programmes. These activities shall further encompass outreach initiatives for upper secondary schools, science communication, environmental education, and, more generally, third-mission activities related to the scientific fields of Botany.



Annex to the selection notice for the recruitment of No. 18 RTT

CARD NO. 14

Number of posts	1	Selection code	rttAR_30D_0726_13/STAT-01
Disciplinary Area	13 - Economics and statistics		
GSD	13/STAT-01 - Statistics		
Profile (SSD) Academic discipline	STAT-01/A – Statistics		
Department	Economics and Business		
Lingua straniera	English		
Maximum number of publications that can be submitted			12
Research activities to be performed by the RTT:			
The researcher shall be required to carry out research activities on topics within the Scientific-Disciplinary Sector STAT-01/A (formerly SECS-S/01), focusing on the development of innovative statistical methods and models, and their implementation for the analysis of complex data.			
Teaching activities that the RTT will be called upon to perform for a maximum of 60 hours (or 90 in the case of a National Academic Qualification-ASN):			
Teaching activities shall include the organization and delivery of lectures, examination sessions, and the supervision and support of undergraduate and PhD students in connection with the teaching assignments entrusted to the researcher as part of their institutional duties, in accordance with the applicable legal provisions. Supplementary teaching and student support activities shall amount to a total commitment of 350 hours per year. Classroom teaching duties shall be assigned annually by the Department in accordance with the University Regulations governing the teaching responsibilities of professors and researchers.			
Supplementary teaching and student support service activities to be performed by the RTT:			
Supplementary teaching activities shall include the organization and delivery of practical classes and theoretical-practical activities, assistance with examinations, and the supervision and tutoring of undergraduate and PhD students as part of the institutional duties assigned to the researcher, in accordance with the applicable legal provisions.			

Annex to the selection notice for the recruitment of No. 18 RTT

CARD NO. 15

Number of posts	1	Selection code	rttAR_30D_0726_06/MEDS-09
Disciplinary Area	06 – Medicine		
GSD	06/MEDS-09 - Blood diseases, oncology and rheumatology		
Profile (SSD) Academic discipline	MEDS-09/A - Medical Oncology		
Department	Medical Sciences and Public Health		
Lingua straniera	English		
Maximum number of publications that can be submitted		12	
Research activities to be performed by the RTT:			
Research activities will be carried out in the field of Medical Oncology and will be aimed at the development of clinical and translational studies on solid tumors. In particular, the activity will focus on the clinical and molecular characterization of neoplasms, the identification and validation of prognostic and predictive factors of response to anticancer treatments, and the investigation of mechanisms of sensitivity and resistance to therapy. The researcher will also be involved in the design and conduct of clinical and translational studies, the development of precision medicine strategies, and participation in national and international research programmes and networks.			
Teaching activities that the RTT will be called upon to perform for a maximum of 60 hours (or 90 in the case of a National Academic Qualification-ASN):			
Teaching activities shall be carried out within the Scientific-Disciplinary Sector MEDS-09/A – Medical Oncology and shall include lectures, practical classes, and other educational activities within the Single-Cycle Master's Degree Programme in Medicine and Surgery, the Degree Programmes in the Health Professions, with particular reference to the Degree Programme in Nursing, and the Specialization School in Medical Oncology. Teaching activities will address the main aspects of cancer prevention, diagnosis, and treatment, as well as the principles of the multidisciplinary management of oncology patients.			
Supplementary teaching and student support service activities to be performed by the RTT:			
The activities shall include supplementary teaching, practical classes, seminars, and theoretical-practical training activities in the field of Medical Oncology. The researcher shall also be involved in student tutoring and guidance activities, in supporting the preparation of degree and specialization theses, and in delivering educational and advanced scientific training activities for students and physicians undergoing specialist training.			



Professional experience required for the performance of clinical duties:

Documented professional experience is required in the provision of oncology care within a hospital setting, specifically within a Medical Oncology Unit, with particular reference to the management and clinical care of patients affected by solid tumors. Experience is also required in the administration and management of antineoplastic treatments and their associated toxicities, as well as in the multidisciplinary activities that are integral to oncology care.

Clinical facility where the healthcare activities will be carried out:

S.C. Oncologia Medica, Azienda Ospedaliero-Universitaria di Cagliari



Annex to the selection notice for the recruitment of No. 18 RTT

CARD NO. 16

Number of posts	1	Selection code	rttAR_30D_0726_06/MEDS-26
Disciplinary Area	06 – Medicine		
GSD	06/MEDS-26 - Methods in laboratory medicine, technical diagnostic, assistance, prevention and rehabilitation health profession sciences, advanced medical and surgical technology and methodology		
Profile (SSD) Academic discipline	MEDS-26/C – Rehabilitation Health Profession Sciences		
Department	Medical Sciences and Public Health		
Lingua straniera	English		
Maximum number of publications that can be submitted		12	
Research activities to be performed by the RTT:			
The RTT researcher shall conduct research activities in the field of psychiatric rehabilitation and the social inclusion of persons with psychosocial disabilities, with particular reference to the use of emerging technologies as tools to support rehabilitation and social inclusion. Such technologies may include, by way of non-exhaustive example, virtual reality, artificial intelligence, and psychosocial e-training. Particular emphasis will also be placed on the application of new technologies in the rehabilitation and support of healthcare professionals experiencing work-related stress. A further area of research will concern the role and impact of information and media communication in psychosocial rehabilitation. Research activities shall be guided by the principles established in the United Nations Convention on the Rights of Persons with Disabilities (CRPD) and by the application of the CRPD to psychosocial disability in accordance with the guidelines developed by the World Health Organization (WHO).			
Teaching activities that the RTT will be called upon to perform for a maximum of 60 hours (or 90 in the case of a National Academic Qualification-ASN):			
The RTT researcher shall be required to teach within Bachelor's and Master's Degree Programmes in the Health Professions, with particular attention to the rehabilitation professions. The teaching commitment will focus on the specific core and professionalizing disciplines of rehabilitation degree programmes within the Scientific-Disciplinary Sector MEDS-26/C. The researcher may also be involved in teaching activities within PhD programmes.			
Supplementary teaching and student support service activities to be performed by the RTT:			



The RTT researcher shall be required to provide the full range of activities supporting and complementing formal teaching. While not replacing the official curriculum, these activities shall assist students in overcoming learning difficulties, deepening their understanding of course topics, and addressing any knowledge gaps. The researcher shall also be responsible, although not exclusively, for student reception and academic guidance, tutoring activities, clinical and practical training placements, coordination of internships and traineeships, laboratory sessions and practical exercises, remedial courses where necessary, as well as support for and supervision of degree theses.

Professional experience required for the performance of clinical duties:

Experience in intervention-oriented research in the field of psychosocial rehabilitation, with particular emphasis on participation in and coordination of social inclusion projects for persons with psychosocial disabilities.

Clinical facility where the healthcare activities will be carried out:

Based on service needs and teaching requirements, the successful candidate shall be required to carry out clinical and professional service activities at: the Psychosomatic Rehabilitation Service of the University Hospital of Cagliari (AOU Cagliari); the Prevention and Protection Service of AOU Cagliari (with regard to rehabilitation activities related to stress among healthcare professionals); the Molecular Biology Service of the University of Cagliari (with regard to the impact of media information on rehabilitation and therapeutic processes).



Annex to the selection notice for the recruitment of No. 18 RTT

CARD NO. 17

Number of posts	1	Selection code	rttA_30D_0726_10/STAA-01
Disciplinary Area	10 - Antiquities, philology, literary studies, art history		
GSD	10/STAA-01 - Ancient and modern cultures and languages of africa and western and central asia		
Profile (SSD) Academic discipline	STAA-01/J - History of Islamic Countries		
Department	Political and Social Sciences		
Lingua straniera	English		
Maximum number of publications that can be submitted		12	
Research activities to be performed by the RTT:			
The RTT researcher shall carry out research activities in the field of the History of Islamic Countries, with particular focus on the political and cultural history of contemporary Arab countries and on Muslim communities originating from those contexts and established in Western Europe. The researcher shall contribute to the development of research, scientific dissemination, and third-mission activities concerning the countries of the southern shore of the Mediterranean, the local expressions of Islam, and religious, cultural, and ethno-national traditions such as Sufism and Islamic feminism, also in relation to migration, post-colonial contexts, and European mobility towards North Africa. The RTT researcher shall be expected to produce publications of national and international standing, participate in and organize conferences, seminars, and study days, and collaborate with national and international research networks. The researcher shall also contribute to enhancing the scientific and public impact of the Department through projects and exchanges with institutions and scholars from North African countries and, more broadly, from countries with an Islamic cultural tradition.			
Teaching activities that the RTT will be called upon to perform for a maximum of 60 hours (or 90 in the case of a National Academic Qualification-ASN):			
The RTT researcher shall be required to carry out teaching activities within the Department's and the University's Bachelor's, Master's, and third-cycle programmes, in order to meet teaching needs relating to the Scientific Disciplinary Group STAA-01 and, in particular, to courses in the History of Islamic Countries.			
Supplementary teaching and student support service activities to be performed by the RTT:			
The RTT researcher shall collaborate in student and doctoral candidate guidance and tutoring activities, propose laboratory-based learning activities, provide academic support, and supervise Bachelor's, Master's, and PhD theses. The researcher shall also participate in			



the student guidance and orientation initiatives promoted by the Department of Political and Social Sciences, including activities aimed at prospective students, current students, and graduates entering the labour market.