



*Summary of the Rector's Decree no. 876 of December, 13, 2023*  
**CALL FOR APPLICATIONS FOR ONE ASSISTANT PROFESSOR POSITION**

The Sant'Anna School of Advanced Studies - Pisa (Sant'Anna School) announces a call for the recruitment of **one assistant professor** (ricercatore a tempo determinato) with full time temporary contract pursuant to Italian Law no. 240/2010, art. 24 paragraph 3 letter A: This position will be assumed **at the Academic Faculty of Experimental and Applied Sciences - Institute of Mechanical Intelligence (IIM) in the Academic Recruitment Field 09/A1 "Aeronautical and Aerospace Engineering and Naval Architecture" - Academic discipline ING-IND/07 "Aerospace Propulsion"**.

**Research activities:** The assistant professor will carry out development of electric thruster prototypes able to operate in air-breathing mode. The work shall include: (i) identification of technological solutions for the ionization and acceleration of rarefied atmospheric flows, (ii) physical-mathematical modelling and numerical simulation of the processes, stationary and non-stationary, involved in atmospheric discharges, (iii) design and experimental verification of miniaturized prototypes (CubeSat scale).

With regard to teaching, the researcher may also be called upon to carry out teaching activities for the courses of ordinary, Master's degree and Ph.D. students, and advanced education courses.

**Duration of the contracts:** three years.

**Salary:** 36.344,02 € gross per year.

**Admission Requirements:**

**Candidates must satisfy the following requirements:**

- to hold a PhD or equivalent.

If the PhD degree or equivalent qualification has been awarded abroad, candidates must provide the documents which certify that these qualifications are considered equivalent according to the Italian law in force (equipollence/equivalence-recognition of degrees). If candidates do not comply with the requirement while submitting the application, they will be admitted to the selection under condition and, if winners, they have to submit all necessary documents certifying that their qualifications are considered equivalent according to the Italian law in force by the date of the signature of the contract.<sup>1</sup>

- to have an excellent knowledge of both written and spoken English.

**Others Requirements**

Candidates must supply:

- their PhD thesis
- no more than 12 publications

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<sup>1</sup> In order to know how to obtain the equipollence/equivalence-recognition of PhD degrees or of equivalent qualification, please refer to these web sites:

- <https://www.miur.gov.it/equipollenze> for the Equipollenza (equipollence recognition) given by Ministero dell'Istruzione, dell'Università e della Ricerca which states for all the selections procedures;
- ([http://www.funzionepubblica.gov.it/sites/funzionepubblica.gov.it/files/modulo\\_equivalenza\\_LAUREA\\_Ministero\\_UNIVERSITA\\_0.pdf](http://www.funzionepubblica.gov.it/sites/funzionepubblica.gov.it/files/modulo_equivalenza_LAUREA_Ministero_UNIVERSITA_0.pdf)) for the Determina di Equivalenza del Titolo (Equivalence-recognition of degrees) given by **Dipartimento della Funzione Pubblica**, which states only for the specific selection procedure the candidates intend to apply to; in this case the candidates must specify the selection procedure they intend to apply to in the form.



### **Who Can't Apply**

- Those who, at the date of the deadline for application, are or have been professors or assistant professors who achieved tenure.
- Those who, at the date of the application deadline, are related, within the fourth degree, by blood or by marriage to professors of Academic Faculty of Applied and Experimental Sciences of Sant'Anna School, or to the Rector (Rettore) or to the Managing Director (Direttore Generale), or to a member of the Board of Directors (Consiglio di Amministrazione) of Sant'Anna School.

### **Application**

**Candidates are requested to apply online at the web page:**

**<https://pica.cineca.it/santanna/2023-rt-da-12/>**

**Deadline: by January, 23, 2024.**

For technical support for the application please contact CINECA support via the link you find at the bottom of the page <https://pica.cineca.it/santanna>

**For further information about the call, please contact the Personnel Department Office (Tel. +39-050-883.575/258, e-mail [infodocenti@santannapisa.it](mailto:infodocenti@santannapisa.it)).**

The following documents must be supplied as pdf files during the on line application:

- 1) Curriculum Vitae signed and dated;
- 2) copy of Identification Document (e.g. passport);
- 3) copy of your PhD thesis;
- 4) copy of your publications, not exceeding the number of 12 and list of the submitted publications;
- 5) a proposal for a research project that the candidate proposes to carry out as part of the research activities defined in the call. *Object of the project proposal: the development of a miniaturized prototype of an air-breathing electric propulsion system for VLEO applications;*
- 6) all academic and professional qualifications, other accomplishments, awards and any additional information which can be useful for the evaluation of the applicant. All documents, certificates and letters submitted should be saved in pdf format.

To apply candidates need have a mail address, a printer and a scanner because they have to print, sign and upload the scanned copy of the application.

They will be able to withdraw their application until the deadline, if they need to change a submitted application, they have to withdraw it and submit a new one.

### **Selection process and calendar:**

The evaluation committee will be appointed by the Director of the Scuola Sant'Anna. A restricted number of applicants, to be admitted to a final interview, will be selected by the committee, on the basis of cv's, publications and qualifications.

**The date of the interview between the Committee and the admitted candidates and the list of the admitted candidates will be announced in this web page on February 5, 2024**



# Sant'Anna

Scuola Universitaria Superiore Pisa

<https://www.santannapisa.it/it/selezioni/selezione-pubblica-la-stipula-di-un-contratto-di-ricercatoretrice-tempo-determinato-ai-6>

**No further information will be given to candidates.**

If necessary, the HR Department will contact applicants only via the email address designated on applications.

We inform that under the article 13 of the EU General Data Protection Regulation n. 679/2016 and the Italian Legislative Decree 30 June 2003 ("Privacy Code regarding the protection of personal data"), Sant'Anna School of Advanced Studies (hereinafter the "School") is a registered Data Controller. On its behalf, the internal processor is the Human Resources Department Head, e-mail: [privacy@santannapisa.it](mailto:privacy@santannapisa.it) personal data will be processed by other instructed, therefore authorized, School employees.

Applicants are due to read the Privacy Notice published on the web site [www.santannapisa.it/privacynotice](http://www.santannapisa.it/privacynotice)

Fixed term employment contracts are enforced under the Law 240/2010, art. 24, par. 3, lett. b)

For further information about the Institute of Mechanical Intelligence (IIM) please refer to <https://www.santannapisa.it/en/institute/mechanical-intelligence>

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<https://www.santannapisa.it/it/selezioni/selezione-pubblica-la-stipula-di-un-contratto-di-ricercatoretrice-tempo-determinato-ai-6>