



*Summary of the Rector's Decree no. 448 of July, 15, 2020*

## **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 at the Academic Class of Experimental and Applied Sciences **in the Academic Recruitment Field "Bioengineering" (SC09/G2 "Bioingegneria") – Academic Discipline "Electronic and Informatics BioEngineering" (SSD ING-INF/06 Bioingegneria elettronica e informatica") at the Institute of BioRobotics. The assistant professor will collaborate to the activities of the Department of Excellence in Robotics and Artificial Intelligence.**

**Research activities:** The research activity has to be relevant to the official declaration of the scientific disciplinary sector addressed by the selection procedure. It concerns biorobotics, with specific reference to:

- the study of the learning process in robots and in human beings, in the context of intelligent robotics, human-robot integration and symbiosis for different applications ranging from neuroscience and neuroprostheses to rehabilitation, from wearable to surgical robotics, to autonomous robots;
- the development of information technologies and artificial intelligence methods for biology, neurology and bioelectronics, for the modelling of physiological systems, from cellular components, to organs and apparatus level and their interrelations;
- the study of the cognitive abilities of the human being in various experimental conditions and the development of bioinspired algorithms and robots based on the knowledge acquired;

the development of "machine learning" algorithms and methods, including bioinspired ones, for the control and elaboration of data of biorobotic systems.

**Didactic activities:** The successful candidates will also teach at the undergraduate (allievi ordinari), Masters (allievi Laurea Magistrale) and doctoral (allievi perfezionandi/PhD, alta formazione) levels – both in the School and in its federated institutions: Istituto Universitario di Studi Superiori di Pavia and Scuola Normale Superiore di Pisa. Teaching activities of the researcher will be focused on the topics of bioinspired systems, biorobotics and bioengineering and his work will contribute both to the PhD in BioRobotics and to the degree in Bionics jointly delivered by the University of Pisa.

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

**Salary:** 35.733 € 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



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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

## 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 or by civil union or are married to professors 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://www.santannapisa.it/en/selezioni-e-concorsi/call-recruitment-one-assistant-professor-full-time-temporary-contract-3>

## **Deadline: by September, 9, 2020, at 1 p.m. (GMT +2)**

For technical support or further information, 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 during the on line application:

- 1) Copy of Identification Document (e.g. passport);
- 2) Curriculum Vitae highlighting scientific and professional experiences, signed and dated;;
- 3) ZIP archive (.zip, .rar, .tar.gz) containing:
  - 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;
  - copy of your publications, **not exceeding the number of 12**;
  - copy of your PhD thesis;
  - a list of the documents attached, signed and dated;
  - a proposal of a research project related to the research activity that the assistant professors have to carry.
  - -a self-declaration stating authenticity and truthfulness of any submitted documents (Attach 1);

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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:

- [hubmiur.pubblica.istruzione.it/web/universita/dottorato-di-ricerca](http://hubmiur.pubblica.istruzione.it/web/universita/dottorato-di-ricerca) 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.



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Attach 1 can be downloaded from the English page of Sant'Anna School web site <https://www.santannapisa.it/en/selezioni-e-concorsi/call-recruitment-one-assistant-professor-full-time-temporary-contract-3>

## **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 interview between the Committee and the admitted candidates will be on October, 29, 2020.**

**The time and the short list of the candidates will be announced in this web page**

**<https://www.santannapisa.it/en/selezioni-e-concorsi/call-recruitment-one-assistant-professor-full-time-temporary-contract-3>**

**on: October, 5, 2020.**

*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 Biorobotics please refer to

**<https://www.santannapisa.it/en/institute/biorobotics/biorobotics-institute>**  
**for the**

For further information about the **Department of Excellence in Robotics & A. I.** please refer to <https://www.santannapisa.it/en/robotics-ai>

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