



*Summary of the Rector's Decree no. 811 of December, 3, 2021*

## **CALL FOR APPLICATIONS FOR TWO ASSISTANT PROFESSOR POSITIONS**

The Sant'Anna School of Advanced Studies .- Pisa (Sant'Anna School) announces a call for the recruitment of **two assistant professors** (ricercatori a tempo determinato) with full time temporary contract pursuant to Italian Law no. 240/2010, art. 24 paragraph 3 letter A:

**one position at the Academic Class of Experimental and Applied Sciences in the Academic Recruitment Field "Bioengineering" (09/G2 "Bioingegneria") – Academic Discipline "Industrial Bioengineering" (ING-IND/34 "Industrial Bioengineering") at the Institute of Biorobotics for the following positions:**

### **Position A for the activities of Regenerative Technologies” Lab.**

**Research activities:** The researcher should carry out research activities using the typical knowledge and instruments of biomedical engineering, applied to the field of regenerative medicine. In particular, he/she should design, develop, integrate and test new biomaterials and nanomaterials, bio-fabrication technologies, technologies for biophysical stimulation, mechatronics platforms for the substitution of organs and tissues and for the monitoring of physiological parameters, and should perform tests on different cell phenotypes to demonstrate the applicability of these technologies at preclinical and (as a perspective) clinical level.

The researcher could be asked to carry out didactic activities on themes related to biomedical technologies and materials for advanced therapies, themes that are key for the PhD programme in BioRobotics of Scuola Superiore Sant'Anna. His/her participation will be also important for the didactic activities in the framework of the Master Degree in Bionics Engineering, jointly organized by Scuola Superiore Sant'Anna and University of Pisa.

### **Position B for the activities of the Wearable Robotics Laboratory**

**Research activities:** The assistant professor will carry out research activities within the field of BioEngineering, with a strong focus on wearable robotic technologies for movement rehabilitation, assistance and augmentation, for both impaired and healthy individuals. During his/her research activities, the assistant professor will be also requested to explore new frontiers of wearable robotics, such as the application of the continuum of care paradigm to wearable robotics, with the ambition to promote the use of exoskeletons in a home setting.

Within the framework of the PhD Programme in BioRobotics, the assistant professor may be also requested to teach on common matters of bioengineering and biorobotics, with a focus onto the design and development of mechatronic solutions for wearable robots.

**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*



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*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. 1.*

- 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://pica.cineca.it/santanna/2021-rt-da-05/>

**Deadline: by January, 25, 2022, at 1 p.m. (GMT +1)**

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

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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.



- 5) 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;
- 6) a proposal for a research project that the candidate proposes to carry out as part of the research activities defined in the call: in particular, for both profiles A and B, is required the preparation of a document, of up to a thousand words, which summarizes the research vision and the objectives of the candidate over the three years of the contract, and how this research is placed in an innovative way with respect to the international panorama of scientific research on the topics covered by the activity to be carried out.

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 January, 13, 2022**

<https://www.santannapisa.it/en/selezioni-e-concorsi/call-recruitment-two-assistant-professor-ricercatori-tempo-determinato-academic>

**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 Biorobotics please refer to <https://www.santannapisa.it/en/institute/biorobotics/biorobotics-institute>

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of ambiguity, inconsistency or discrepancy, the Italian version shall apply, prevail, be conclusive and binding. The Italian version only shall be used in legal proceedings. For further details, please refer to webpage: <https://www.santannapisa.it/en>