



Summary of the Rector's Decree no. 563 of August, 03, 2023

CALL FOR APPLICATIONS FOR ONE TENURE TRACK - PROBATIONARY ASSISTANT PROFESSOR POSITION

The Sant'Anna School of Advanced Studies - Pisa (Sant'Anna School) announces a call for the recruitment of **one tenure-track – probationary, assistant professor** (ricercatore a tempo determinato) with full time temporary contract pursuant to Italian Law no. 240/2010, art. 24 in the frame of the **Department of Excellence Robotics & I.A. at the Academic Faculty of Experimental and Applied Sciences - Institute of Mechanical Intelligence (IIM) in the Academic Recruitment Field 09/A2 “Applied Mechanics” - Academic discipline ING-IND/13 “Applied Mechanics”**.

Research activities: The recruited researcher will work in the area of Applied Mechanics (i.e. ING-IND/13) to design Robotics and sensing for Biomechanics, exoskeletons as technological aids for power augmentation or assistance, telemedicine and telediagnosis through robotics and wearable devices, algorithms for automated health and safety risk assessment, performance and motion analysis in sport and work activities.

The researcher is expected to work within the Departmental research at intersection among Engineering and Health Science by contributing to research on new devices, systems, interfaces and algorithms that leverages on existing state of the art tools for diagnosis, telemedicine, and assistance.

The researcher should have the ability of devising, design, integrate, test and validate complex HW/SW systems that encompass readiness level from 2 to 7. The overall competences should include biomechanics, ergonomic risk assessment, human-robot interaction (HRI), wearable and networked sensor network(s), data clustering and fusion, embedded machine learning and artificial intelligence, algorithms and robotic systems for medical diagnosis support, algorithms and systems for performance analysis in sport and work activities.

The assistant professor will also contribute to teaching activities within the Scuola Superiore Sant'Anna teaching programs (Undergraduate, Master, Seasonal Schools and and Ph.D. students), also delivered in English.

Candidates can submit no more than 12 publications.

Duration of the contracts: six years.

Terms and conditions of employment: in his/her sixth year Assistant Professor who have received from Italian Ministry of University and Research, the appropriate qualification (“abilitazione nazionale”) and eligibility for promotion, according to Law no. 240/2010, art. 16, at the rank of Associate Professor or higher, will be evaluated by Sant'Anna School Committee, pursuant Ministerial Decree no. 344/2011, for possible promotion to tenured positions by the end of that period.

Salary: € 40.524 gross per year (since year 1 to year 3), € 44.208 gross per year (since year 4 to year 6).

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)¹;

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

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 Sant'Anna School of the Academic Faculty of Social Science, or to the Rector (Rettore) or to the Managing Director (Direttore Generale), or to a member of the Academic Senate (Senato Accademico) or 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-rtr-04>

Deadline: by October, 7, 2023.

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. +39-050-883-575-576-258, e-mail infodocenti@santannapisa.it).

The following documents must be supplied as pdf files during the online 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 above indicated and list of the submitted publications;
- 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 (max no. 4 pag. for SC 13/D3) that the candidate proposes to carry out as part of the research activities defined in the call.

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, Id they need to change a submitted application, they have to withdraw it and submit a new one.

¹ 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.mur.gov.it/it/aree-tematiche/universita/equipollenze-equivalenza-ed-equiparazioni-tra-titoli-di-studio/titoli-1>

<https://www.mur.gov.it/it/aree-tematiche/universita/equipollenze-equivalenza-ed-equiparazioni-tra-titoli-di-studio/titoli-0>

<https://www.mur.gov.it/it/aree-tematiche/universita/equipollenze-equivalenza-ed-equiparazioni-tra-titoli-di-studio/titoli-3>



Selection process and calendar:

The evaluation committee will be appointed by the Rector 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 list of admitted candidates will be published in this page on **November, 6, 2023:**
<https://www.santannapisa.it/it/selezioni/selezione-pubblica-la-stipula-di-un-contratto-di-ricercatoretrice-tempo-determinato-ai-5>

No further information will be given to admitted 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; 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

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>

For further information about The "Robotics & AI" Dipe please refer to <https://www.santannapisa.it/en/departments-excellence/robotics-ai>

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