



Sant'Anna
Scuola Universitaria Superiore Pisa

CALL FOR ONE TECHNOLOGY EXPERT

Sant'Anna School for Advanced Studies – Pisa

Job Position

Sant'Anna School for Advanced Studies announces a public selection based on qualification and competitive exams for one technology experts, following art. 24-bis L. 240/2010; the contract will run for 24 months, with placement in D grade, economic position D5. This role will provide both technical and managerial support to the project: *“BRIEF - Biorobotics Research and Innovation Engineering Facilities”*.

Main duties and activities

As part of the research activities funded through the **National Recovery and Resilience Plan (PNRR)**, supported by the **European NextGenerationEU programme**, a professional figure capable of providing both administrative and technical support to the project is needed.

The figure being sought will carry out the following activities:

- Collection of non-invasive data such as electrocardiogram, respiratory signals, electroencephalogram, electromyogram, electroneurogram, kinetic and dynamic data from patients and volunteers during tasks including movement in the scientific and technological fields of bioengineering and neurophysiology, and basic knowledge of time series analysis and specifically of the signals already mentioned to control the quality of the data acquired.
- Set-up, management and maintenance of the experimental devices necessary for this data collection. In addition, coordination and synchronization of experimental devices during multimodal acquisitions.
- Coordination and management of the acquired data from an IT point of view (dedicated repositories and access management, anonymisation), including the management of the hardware dedicated to data storage.

The requested figure shall also be able to interface with the administrative staff of the School for an effective management of technical-scientific activities related to laboratories. The following activities are therefore required:

- Drawing up of the documentation relating to the experimental design and execution of the above recording sessions, for the internal administration, for the funding bodies and for approval by the ethics committees involved.
- Use of project management tools for national and international (research and network) projects in the field of bioengineering.



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Admission Requirements

- Master's degree in Automation Engineering or Biomedical Engineering or Computer Engineering or Electronic Engineering or Mathematical and Physical Modelling for Engineering or Medicine or Physics or Cognitive Sciences.
- At least two years (also if not continuous) of documented job experience in pertinent fields.
- Excellent knowledge of both English and Italian language.

Application and attachments

Candidates are requested to apply here: <https://pica.cineca.it/santanna/tipologia/pta>.

Attachments:

- Resume/Curriculum vitae;
- Copy of ID;
- Certified translation of the degree certificate.

Deadline for applications: 25/01/2023

Tests schedule will be announced before 01/02/2023.

For further information please contact the Administration and Technical Staff Office, +39 050 883552/577, e-mail: concorsi@santannapisa.it

For technical issues, please contact the CINECA support at the following footer: <https://pica.cineca.it/santanna>.

The full version of this Call is available only on the Italian version of the Sant'Anna School website.



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