Sant'Anna
Scuola Universitaria Superiore Pisa

CALL FOR ONE TECHNOLOGY EXPERT

BioRobotics Institute

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 expert, following art. 24-bis L. 240/2010; the contract will run for 24 months, with placement in D grade, economic position D5, at the Biorobotics Institute of Sant'Anna School for Advanced Studies. This role will provide both technical and managerial support to the projects AInCP: "Clinical validation of Artificial INtelligence for providing a personalized motor clinical profile assessment and rehabilitation of upper limb in children with unilateral Cerebral Palsy", SoftGrip: "Soft robotics gripper for delicate produce harvesting", Larynx: "Studio e sviluppo di una laringe artificiale per indagare e replicare la fisiologia del sistema di produzione vocale e la fisiopatologia delle comuni lesioni cordali" (Study and development of an artificial larynx to investigate and replicate the physiology of the vocal production system and the pathophysiology of common cord lesions), and HBP-SGA3: "HUMAN BRAIN PROJECT - Specific Grant Agreement 3".

Main duties and activities

The BioRobotics Institute needs a technical professional figure able to perform technical-scientific and managerial support functions for its research activities.

To carry out the required activities, the figure being sought must have the following skills:

- Management and development of robotic systems for the construction of flexible devices consisting mainly of transferable, but also robust and adaptable, materials.
- Design, organization, coordination, and data collection in laboratories dedicated to the implementation of experimental and clinical protocols with wearable systems or technologies in the scientific and technological fields of bioengineering and biorobotics. In particular, the figure being sought will have to manage the scientific instrumentation and the resources of calculation of the laboratories, the preparation of the documentation to be provided to the funding bodies, experimental setups, data collection and analysis.
- Use of project management tools for managing national and international projects (research and network ones), also coordinated by the Institute of BioRobotics, in the fields of bioengineering, biorobotics and soft robotics.

Admission Requirements

Applicants must hold:

- Master's degree in Aerospace Engineering or Automation Engineering or Biomedical Engineering or Materials Engineering or Mechanical Engineering.
- 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: 04/07/2022

Tests schedule will be announced before 11/07/2022.

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.