



**CALL FOR APPLICATIONS FOR THREE TEMPORARY ASSISTANT PROFESSORS  
Bio-Engineering - Scientific Field ING-IND/34**

The Scuola Superiore Sant'Anna announces a call for the recruitment of **three full time assistant professors** (ricercatori a tempo determinato ex legge 240/2010) on fixed-term contract in the area of Bioengineering (SC 09/B2) to join the Institute of BioRobotics.

Positions:

**Profilo A (Position A):** the assistant professor will study and develop innovative robotic systems for rehabilitation and for motor assistance, on neuro-robotics, on biorobotics and on wearable robotics. Teaching activities are also devised in the framework of the Institute of BioRobotics' PhD Courses in possible post-degree courses on innovative robotic technologies for rehabilitation, and in under-degree and doctoral courses for Scuola Superiore Sant'Anna students.

**Profilo B (Position B):** the assistant professor will study and develop innovative robotic structures with variable stiffness and actuation technologies for biomedical implementations. Teaching activities are also devised in the framework of the Institute of BioRobotics' PhD Courses and in under-degree and doctoral courses for Scuola Superiore Sant'Anna students.

**Profilo C (Position C):** the assistant professor will study and develop novel biomechanical models and biorobotic systems for the evaluation of the performances of innovative technologies for the improvement of the quality of life of elderly and disabled people. Teaching activities are also devised in the framework of the Institute of BioRobotics' PhD Courses and in under-degree and doctoral courses for Scuola Superiore Sant'Anna students.

Admission Requirements:

**Position A:** Applicants must hold PhD or equivalent qualification on **themes the development of robotic systems** for rehabilitation and for motor assistance, on neuro-robotics, on biorobotics and on wearable robotics or a MSc Degree in *Engineering* or equivalent Degree, together with a professional scientific cv suitable for research activity.

Essential pre-requisite is an excellent knowledge of both written and spoken English.

The candidates must supply at least three recommendation letters and a brief (two pages max) description of their research vision and teaching interests

The candidates can submit no more than 30 publications.

**Position B:** Applicants must hold PhD or equivalent qualification on **themes concerning the biorobotics** particularly related to the development of structures with variable stiffness, or a MSc Degree in *Engineering* or equivalent Degree.

Essential pre-requisite is an excellent knowledge of both written and spoken English.

The candidates must supply at least two recommendation letters and a brief description of their research vision and teaching interests.

The candidates can submit no more than 30 publications.

**Position C:** Applicants must hold a PhD or equivalent qualification on **themes concerning the biomechanics of movement, biorobotic systems for neurorehabilitation and analysis of motor control and neurophysiology** or a MSc Degree in *Engineering* or equivalent Degree.

Essential pre-requisite is a good knowledge of both written and spoken English.  
The candidates can submit no more than 30 publications.

Salary: 34.898,06 € gross per year

Duration of the contract: three years

Application:

Candidates are requested to apply online: <http://www.sssup.it/ricercatoritempodeterminato> by **March 14, 2012, 1 p.m. GMT**

For technical support or further information, please contact the Human Resources Management Office (Tel. +39-050-883.575/254, e-mail [infodocenti@sssup.it](mailto:infodocenti@sssup.it)).

The following documents must be supplied during the on line application:

- 1) A copy of an Identity Document (e.g. passport);
- 2) a scientific and professional curriculum, signed and dated;
- 3) a zipped archive (.zip, .rar, .tar.gz) containing:
  - all academic and professional titles and other elements which can be useful for the evaluation of the applicant. These documents must be supplied as copy or selfdeclared by using the self declaration form downloadable from the English page of the Call (please save all documents as pdf format);
  - a copy of each submitted publication, **not exceeding the number of 30**;
  - a copy of the applicant's PhD thesis (if applicable);
  - a list of the attached documents, signed and dated;
  - the recommendation letters and the description of their research vision and didactic interests (for position A and B)
  - a declaration stating the authenticity and truthfulness of any submitted document; the declaration form can be downloaded from the English page of the web site <http://www.sssup.it/ricercatoritempodeterminato>.

Schedule of the selection

An evaluation committee will be appointed by the Director of the Scuola S. 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 titles. This short list of candidates, and the date, time and place of the interview, will be announced on this web page (no personal information will be given to the admitted candidates): on the 3th of April 2012.

The full version of this Call is available only in the Italian page, please visit <http://www.sssup.it/>.

If necessary, the Human Resources Management Office will contact the applicants only through the email address given in the on line application.

The three fixed term contracts are private subordinate under the art. 24, comma 3, lett. a) of the Law 240/2010.

For further information about the BioRobotic Institute, please have a look to:

[http://www.sssup.it/context\\_elenco\\_grafico.jsp?ID\\_LINK=9710&area=47](http://www.sssup.it/context_elenco_grafico.jsp?ID_LINK=9710&area=47)