



Call for applications for the assignment of 1 research fellowship grant for carrying out Category B research activities, as per Article 22 of Italian Law No. 240/2010, for the Scientific Disciplinary Sector of ING-IND/34 – Industrial Bioengineering, at the facilities of the CIR - Integrated Research Centre and of the Departmental Faculty of Engineering of Università Campus Bio-Medico di Roma.

Call Code: ASS-RIC/12_23

Departmental Faculty	Engineering
Research theme in English	Tactile stimulation techniques for restoring sensory feedback in amputees.
Brief description of the research in English	<p>The candidate will be in charge of developing peripheral stimulation protocols for patients with upper limb amputation. The activity will include the development of invasive (i.e. intraneural) and non-invasive (electro-tactile and/or vibro-tactile) stimulation strategies designed to reproduce tactile sensations as much as possible similar to the natural ones. They should be usable for the closed loop control of the prosthesis.</p> <p>The stimulation systems will be identified, the stimulation software will be developed and the laboratory tests will be performed.</p>
Scientific Supervisor	Prof.ssa Loredana Zollo
Scientific Disciplinary Sector	ING-IND/34 – Industrial Bioengineering
Language knowledge and skills	good knowledge of spoken and written English
Date of the interview	5th December 2023, at 10:00 am Remote candidates on Microsoft Teams platform