



**Dipartimento
Meccanica
Matematica
Management**

MUR
Dipartimento
di Eccellenza
2018-2022
2023-2027

CALL FOR EXPRESSION OF INTEREST FOR MSCA POSTDOCTORAL FELLOWSHIPS AT POLITECNICO DI BARI

Research project

Name and Surname: Vito Cacucciolo

Title: Electrofluidic Artificial Muscles for Wearable Soft Robots

Description: The research will focus on the development of artificial muscles in fiber shape for wearable robots and soft exosuits. The artificial muscles will be driven by electrohydrodynamic pumps such as fiber pumps, which guarantee high energy density combined with mm-sized fiber shape. The goal is to create wearable robots and exosuits for muscle support, haptics, human-robot interaction. The activities will be hosted by the RoboPhysics Laboratory (RPL) of Politecnico di Bari, Italy (<https://robophysics.poliba.it>) and connected to the ERC-StG project “Robofluid”.

Candidates should provide detailed CV

Candidates must be eligible according to the criteria established by the 2026 MSCA Postdoctoral fellowship call:

- to have a PhD by the call deadline.
- to have up to 8 years of research experience after PhD.
- to be citizens of an EU State or of an Associated Country.
- not to have resided or carried out their main activity in Italy for more than 12 months in the 36 months before the call deadline.

Contacts

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