



Towards a new generation of plant-inspired growing artefacts

Grant Agreement No. 824074



GrowBot PostDoc Position

We invite applications for a Postdoctoral fellowship at Gran Sasso Science Institute (GSSI) in the framework of the Horizon 2020 Innovation Action GrowBot (for more information on the project, please visit the website <https://growbot.eu>).

We look for an enthusiastic and motivated candidate that is willing to join an interdisciplinary research environment. The team is currently composed by 3 PhD students and one Assistant Professor.

The GSSI Growbot group coordinator is Prof. Pierangelo Marcati.

The ideal candidate should have an expertise in one of the following areas:

- Continuum Mechanics, with particular emphasis on bio-mechanics and applications to biology and robotics
- Automation with particular emphasis on Optimal Control and Model Predictive Control.
- Mathematical methods and numerics for models of plant biology and their applications to bio-inspired robotics.

The candidate should also have very good programming skills. Furthermore, he/she must hold a PhD in Physics, Mathematics or Engineering.

This an 18-month appointment, with a possibility of a 6-month extension subject to fund availability.

The annual gross salary is € 36.000,00.

It is not possible to participate in the selection process for those who earned the PhD title prior to January 1, 2019.

More information on the application procedure and on the position can be found in the call announcement (look section 1.2 in the Mathematics paragraph): [click here](#)

Application must be submitted online at: <https://applications.gssi.it/postdoc/>

The deadline for job applications is March 18, 2021 at 5pm (GMT+1).
