

**IBEC (Institute for Bioengineering of Catalonia)** is an interdisciplinary research center focused on Bioengineering and Nanomedicine and one of the Severo Ochoa Excellence Centers. IBEC's **mission** is to develop international high quality interdisciplinary research that, while creating knowledge, contributes to making a better quality of life, improving health and creating wealth. A close link with key universities, reference hospitals and corporations, are assets that facilitate achieving the mission.

**IBEC was founded in 2005** by the Generalitat de Catalunya, the University of Barcelona (UB) and the Polytechnic University of Catalonia (UPC).

IBEC is located within the **Barcelona Science Park**, with premises of 2.500 square meters, 20 research groups and a team of researchers and support services of 250 people from 31 different countries. [www.ibeccatalonia.eu](http://www.ibeccatalonia.eu)



## Research Assistant In Robotics

A Research Assistant is required to support the development of a training test bed in surgical robotics and the design and implementation of mechanical components to interacting with the robotic system .

### Main tasks and responsibilities:

- Modeling of dynamically reconfigurable workspaces in complex multirobot environments
- Real time trajectory planning
- System integration

### Requirements for candidates:

- Degree in Computer Engineering or another Engineering degree with good computing basis
- Some experience in related robotics projects
- High programming skills in C++
- Use of Open CV and Open GL
- Some background in machine learning (desirable)
- Ability to self learning
- Communication skills

### We Offer:

- Full time temporary employment contract (optionally part time).
- Stimulating, interdisciplinary research environment.
- Salary will be determined upon experience and scientific background.



HR EXCELLENCE IN RESEARCH

IBEC is committed to the principles of the Code of Conduct for the Recruitment of Researchers of the European Commission. Thus, there are no restrictions of citizenship or gender and candidates with disabilities are strongly encouraged to apply.

**Interested applicants should send their CV and cover letter to: [jobs@ibeccatalonia.eu](mailto:jobs@ibeccatalonia.eu), before 15/05/2018 (Reference: RA-AC2).**