

# Research, Informatics and Graduate Studies

<https://sites.gtiit.edu.cn/research/positions/rf-2022004/>

## Post-Doc Researcher in Robotics (RF-2022004) – Group of Assoc. Prof. Damiano Padovani

### About the University

The **Guangdong Technion-Israel Institute of Technology** (GTIIT) is the satellite campus of the Technion-Israel Institute of Technology (Technion). Technion is a world-renowned institution located in Haifa (Israel) that is consistently ranked as a top-100 university and is known for its exceptional research and education. The GTIIT is based in Shantou (Guangdong Province, China) and will become a leading science and technology research university in the coming years.

### About the Open Positions

This open position refers to GTIIT's Mechanical Engineering and Robotics Department. We have access to top-tier test facilities to conduct cutting-edge research on fluid-driven robotics. Our main areas of interest are about **design, manufacturing, sensing, and control of both heavy-duty hydraulic manipulators and soft robots**. We are therefore hiring a Post-Doc Researcher to support the development of our investigations connected to this field.

The Post-Doc Researcher will receive continuous mentoring and is expected to (1) conduct innovative research under the guidance of a faculty member, (2) develop his/her own research directions to branch off into new areas, (3) publish journal and conference papers with international visibility, and (4) support the preparation of some research proposals.

A competitive salary is guaranteed and is adjusted to the candidate's qualifications. Travel allowance to professional conferences is included. Generous funds are also available to purchase all the tools required to deliver successful research outputs (state-of-the-art equipment, consumables, software licenses, etc.).

**Extra benefits** include work-life balance, on-campus housing (rental paid by candidate), kid schooling fee subsidized (qualified kids can enroll in the GTIIT school), annual health check, professional assistance offered to apply for Talent fund and Research fund, and qualified candidate can receive living subsidy by the city government.

### Keywords

Robotics, hydraulic systems, applied control, soft robotics.

### Selection Criteria

- A Ph.D. Degree in Mechanical Engineering, or in a related field (essential)
- Solid experience related to robotics (it can cover design, manufacturing, sensing, and/or control).
- Good communication skills in English (essential).
- Ability to author/co-author scientific publications (essential).
- Experience with both theoretical and applied research (preferred but not required).

### Application

Please email your application to Associate Prof. Padovani Damiano ([damiano.padovani@gtiit.edu.cn](mailto:damiano.padovani@gtiit.edu.cn)) including the following elements: your CV, your

### Program

Mechanical Engineering (Robotics)

### Contact

Assoc. Prof. Damiano Padovani

Email:

[damiano.padovani@gtiit.edu.cn](mailto:damiano.padovani@gtiit.edu.cn)

[GTIIT faculty profile](#)

### Application Deadline

Open till filled

### Date posted

November 30, 2022

### Location

Guangdong Technion – Israel Institute of Technology (GTIIT), China & Technion-Israel Institute of Technology, Israel.

publication list, a research outline (1-2 pages), and contact details for at least 2 letters of recommendation (one from your PhD advisor). A first review of the candidates will be conducted on Dec/01, 2022.