

Research, Informatics and Graduate Studies

<https://sites.gtiit.edu.cn/research/positions/postdoctoral-research-fellow-position-in-jianping-lis-research-group/>

Postdoctoral Research Fellow Position in Jianping Li's Group

Research Areas

- Process Systems Optimization and AI
- Large Language Models and AI for Science
- Integrated Product-Process Design

About the Research Group

Our group is based in the Department of Chemical Engineering at the Guangdong Technion-Israel Institute of Technology (GTIIT). Our research lies at the intersection of Process Systems Engineering (PSE) and Artificial Intelligence, with a focus on process systems optimization and intelligent decision-making, integrated product-process design, sustainable energy and circular systems, and large language models and AI for science. Our group integrates mathematical modeling, optimization, machine learning, and molecular simulation. Leveraging the joint platform between GTIIT and the Technion - Israel Institute of Technology, we provide an international research environment and broad opportunities for academic and career development.

Qualifications

- Applicants should have obtained, or expect to obtain before starting the position, a Ph.D. in Chemical Engineering or a related field.
- Strong research achievements in process systems engineering, large language models, process optimization, machine learning, or molecular simulation.
- Ability to conduct independent research, excellent bilingual academic communication skills, and strong teamwork skills.
- Appointment: The initial contract is for one year and may be renewed upon mutual agreement.

Compensation and Benefits

- Internationally competitive salary (RMB 300,000+ per year, depending on qualifications and experience).
- Eligible candidates may apply for additional provincial and municipal talent subsidies.
- International teaching and research environment with English as the working language and broad opportunities for academic development.
- Social insurance and housing fund provided in accordance with relevant policies.
- Conference and travel allowances and paid annual leave.
- On-campus accommodation is available, with accommodation costs covered by the individual.

Application

Please combine the following materials into **PDF file** and send it to jianping.li@gtiit.edu.cn:

Position

Research Fellow

Program

Chemical Engineering

Contact

Assoc. Prof. Jianping Li

Email: jianping.li@gtiit.edu.cn

Webpage: [Personal Webpage](#)

Application Deadline

Open till filled

Location

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

1. CV in English, including complete educational background, language proficiency/test scores, research experience, and a full publication list.
2. Full texts of three representative publications.
3. Research statement (1–2 pages) describing previous research experience and future research plans.
4. Candidates who pass the initial interview will be asked to provide three recommendation letters and Master's and Ph.D. degree certificates.
5. Please use the email subject: **“Postdoc Application – Your Name”**.

After an initial review of the application materials, qualified candidates will be contacted regarding the result and interview arrangements.

Application process: PI initial review → PI interview → Academic and document review → Admission decision

Research Fellow

- Process Systems Optimization and AI
- Large Language Models and AI for Science
- Integrated Product–Process Design

Research Assistant

Research Assistant positions are available in the following areas: PSE, AI for Science, and Integrated Product–Process Design. Interested candidates should submit their application materials to the following email address: research@gtiit.edu.cn.

Research Intern

- Research Intern positions are available in the following areas: PSE, AI for Science, and Integrated Product–Process Design.
- Interested candidates should submit their application materials to the following email address: research@gtiit.edu.cn.
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- Interested candidates should submit their application materials to the following email address: research@gtiit.edu.cn.

Research Assistant II

- Research Assistant II positions are available in the following areas: PSE, AI for Science, and Integrated Product–Process Design.
- Interested candidates should submit their application materials to the following email address: research@gtiit.edu.cn.
- Research Assistant II positions are available in the following areas: PSE, AI for Science, and Integrated Product–Process Design.
- Interested candidates should submit their application materials to the following email address: research@gtiit.edu.cn.
- Research Assistant II positions are available in the following areas: PSE, AI for Science, and Integrated Product–Process Design.
- Interested candidates should submit their application materials to the following email address: research@gtiit.edu.cn.

Research Assistant I

Research Assistant I positions are available in the following areas: PSE, AI for Science, and Integrated Product–Process Design. Interested candidates should submit their application materials to the following email address: research@gtiit.edu.cn.

1. Research Assistant I positions are available in the following areas: PSE, AI for Science, and Integrated Product–Process Design.
2. Interested candidates should submit their application materials to the following email address: research@gtiit.edu.cn.
3. Research Assistant I positions are available in the following areas: PSE, AI for Science, and Integrated Product–Process Design.
4. Interested candidates should submit their application materials to the following email address: research@gtiit.edu.cn.
5. Research Assistant I positions are available in the following areas: PSE, AI for Science, and Integrated Product–Process Design.

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