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

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

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**:

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

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- 过程系统优化与智能决策（Process Systems Optimization and AI）
- 大语言模型与科学智能（Large Language Models and AI for Science）
- 产品与过程协同设计（Integrated Product–Process Design）

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课题组依托广东以色列理工学院化学工程系，主要开展过程系统工程（PSE）与人工智能交叉研究，聚焦过程系统优化与智能决策、产品与过程协同设计、可持续能源与资源循环系统，以及大语言模型与科学智能等方向。课题组注重数学建模、优化、机器学习与分子模拟等方法的交叉融合，依托广东以色列理工学院-以色列理工学院联合平台，提供国际化科研环境与广阔职业发展空间。

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- 已经或入职前将取得化学工程或相关领域博士学位
- 在过程系统工程、大语言模型、过程优化、机器学习或分子模拟领域有突出研究成果
- 具备独立科研能力，出色的双语学术表达与沟通能力，以及良好的团队协作精神
- 聘期：初始合同为一年，经双方同意可续聘

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- 提供具有国际竞争力的薪酬（年薪30万元以上，具体根据资历而定）
- 符合条件的候选人可额外申请省/市人才生活补贴
- 全英文教学与科研环境，国际化科研平台，广阔的学术发展空间
- 按相关政策提供社会保险及住房公积金
- 会议差旅津贴，带薪年假
- 提供校内住宿，住宿费用由个人承担

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请将以下材料以pdf发送至邮箱：jianping.li@gtiit.edu.cn

1. 英文个人简历（PDF格式，包含完整教育背景、语言成绩、科研经历、论文发表列表）
2. 博士后申请需提供代表性论文全文（3篇）
3. 研究兴趣陈述（简述过往研究经历与未来研究计划，1–2页）
4. 初审面试通过后，需提供3封推荐信，硕士及博士学位证书
5. 邮件标题请注明：**"Postdoc Application – Your Name"**

收到材料初审后，我们会尽快与符合要求的申请人取得联系，告知初审结果并安排面试。

博士后研究员申请审核流程：PI初审 → PI面试 → 学术与材料复审 → 通知录取结果