Research, Informatics and Graduate Studies

https://sites.gtiit.edu.cn/research/positions/rf-2022002/

Research Fellow Position in Energy and Electronic Materials (RF-2022002) – Group of Assoc. Prof. Woo Jin Hyun

The Materials Science and Engineering Program (group of Asst. Prof. Woo Jin Hyun) is looking for 1–2 postdoctoral/research fellows to lead experimental research projects in energy and electronic materials.

Project Details

The central goal of our group is the development of advanced materials and manufacturing strategies for electrochemical energy storage and electronics. Currently, our group has three primary research thrusts: 1) exploring solution-processable 2D materials for scalable energy storage and electronic applications, 2) developing advanced electrolytes and electrodes for high-performance electrochemical energy storage and electronics, and 3) designing printing processes for low-cost and high-throughput manufacturing of energy storage and electronics.

Keywords

Energy materials, electronic materials, 2D materials, solution processing, printing, electrochemical energy storage, flexible electronics, printed electronics, batteries, supercapacitors, thin-film transistors

Selection Criteria

- PhD degree in Materials Science and Engineering, Chemical Engineering, Chemistry, Chemistry, or a related field (essential)
- Strong background in energy or electronic materials (essential)
- Ability to author high-impact scientific papers (essential)
- Ability to work independently and in a team environment (essential)
- Good communication skills, good command of English (essential)
- Chinese language skills (preferred)

Benefits

Total annual salary: RMB 330,000 up / year (depending on qualifications of the candidate, including government subsidy)

Extra benefit:

- housing at GTIIT, China (Rental paid by candidate)
- Annual health check
- Professional conference travel allowance
- Professional assistance offered to apply for Talent fund and Research fund
- Qualified candidate can receive RMB 140,000 living subsidy
- Work life balance
- World class Faculty team mentoring,
- Advanced lab equipment and devices

Application

- Application deadline: Open till filled

Program

Materials Science and Engineering

Contact

Assoc. Prof. Woo Jin Hyun

Email: woojin.hyun@gtiit.edu.cn

Group website

GTIIT faculty profile

Application Deadline

Open till filled

Location

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

- Send below required documents electronically to: woojin.hyun@gtiit.edu.cn

1. Curriculum vitae
2. Detailed contact information for three recommendation letters (one from the PhD thesis advisor)
3. A short research plan outline (up to one page in length)
4. Degree certificates with certified English translation for both the PhD and Master's degrees