

Energizing energy research

GUANGZHOU INSTITUTE OF ENERGY CONVERSION, a leader in renewable energy, is seeking talented researchers to fuel its energy research.



Since its founding in 1978, the Guangzhou Institute of Energy Conversion (GIEC), part of the Chinese Academy of Sciences (CAS), has been dedicated to the research, development and utilization of new energy and renewable energy. Its main specialism is in clean energy engineering, with a view to develop energy saving and sustainable technologies,

supporting national strategies.

GIEC's 327 technical and research staff include a member of the Chinese Academy of Engineering, one expert selected for the national 'Ten Thousand Talents Program', two chief scientists for the National Program on Key Basic Research Project, a recipient of the National Science Fund for Distinguished Young Scholars

and nine experts selected for the CAS 'Hundred Talents Program'. This brilliant line-up has achieved many noteworthy results, well demonstrated in 913 patent applications, 296 granted patents and 19 patent cooperation treaties (PCT). Recent research breakthroughs in biomass energy, resource utilization of solid waste and gas hydrate have led to two state science and technology progress awards, one award for patent excellence, and four science awards of Guangdong province.

Among GIEC's current objectives are improving technologies for high-value conversion and scaled-up use of biomass energy, and demonstrating the application of distributed renewable energy systems. It also focuses on researching the storage and exploitation of gas hydrate, large-scale power generation from ocean or deep geothermal energy, functional materials for solar energy use, low-carbon development and energy strategies.

An active international collaborator, GIEC has established academic exchange or cooperative programmes with renowned universities,

institutions and companies in more than 20 nations. Home to a state International R&D Center of Renewable Energy, it also houses the National Energy Research Center for Biofuels, CAS's Guangzhou Center for Gas Hydrate Research, Key Laboratory of Renewable Energy, the Guangdong Key Laboratory of New and Renewable Energy and a Sino-Swiss low-carbon urban development cooperation centre. The two-campus institute has two experimental bases and is equipped with more than 100 million RMB worth of research instruments.

With these competitive research platforms, a collaborative research environment and attractive benefits packages, GIEC seeks to energize its research by drawing in top talent. It encourages talented researchers to join its pursuit of research excellence. ■

TALENT SEARCH AT GIEC

POSITIONS OPEN:

Researcher, associate researcher and assistant researcher

RESEARCH AREAS:

- Biomass utilization technologies
- Natural gas hydrate exploitation and utilization
- Key materials and technologies for solar energy utilization
- Comprehensive utilization of geothermal energy
- Technologies for ocean energy utilization
- Micro energy systems
- Advanced combustion technology
- Hydrogen production and utilization
- Energy materials and energy storage technology
- Energy saving and environmental protection technologies
- Energy policies and low-carbon development strategies

GIEC will support qualified candidates in their application to various talent plans of CAS and local and national governments. Successful applicants will receive start-up funds, relocation compensation and other benefits of these plans, in addition to matched funding support from the institute. Those who are not selected for those talent plans will receive commensurate support from GIEC.

For more information, please contact giechr@ms.giec.ac.cn.



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