



Job Opportunities

Shandong Energy Institute

Qingdao Institute of Bioenergy and Bioprocess Technology, Chinese Academy of Sciences

Required Research Fields

Bioenergy

- Bio-energetic resources
- Advanced biofuel
- Energy biosynthesis technology
- Bio-based materials

Marine Energy

- Offshore wind energy, Wave energy, Tidal energy, Salinity gradient energy,
- Anticorrosive and antifouling materials for marine energy equipment

Hydrogen and Fuel Cell

- Cutting-edge basic research of fuel cell
- Advanced fuel cell technology
- Advanced hydrogen technology

Fossil Energy

- Unconventional oil & gas development and utilization
- Clean conversion and utilization of coal
- High-efficiency and clean combustion of coal
- High-value chemicals

Solar Energy

- New-generation photovoltaic tech
- High-efficiency solar thermal tech
- Photochemical energy conversion

Advanced Energy Storage

- Electrochemical energy storage tech
- Next-generation recharge batteries
- Large-scale energy storage system
- Electric vehicle intelligent drive system



Positions

- Under 50 years old
- Distinguished academic achievements
- Start-up fund ¥ 18 million

Chief Scientist

Excellent Young Talent

- PhD degree, at least 3 years of postdoctoral or industrial experience
- Under 40 years old
- Outstanding achievements in the field of expertise
- Start-up fund ¥ 9 million

- At least 3 years of postdoctoral or industrial experience
- Strong academic background and a record of productivity

Research Scientist

Postdoctoral Fellow

- PhD degree
- Under 35 years old
- Opportunities to transfer to faculty position

Shandong Energy Institute (SEI)

1

Energy College

1

Extended Energy
Bigdata and Strategy
Research Center

2500
Staff

10

Technology
Development Centers

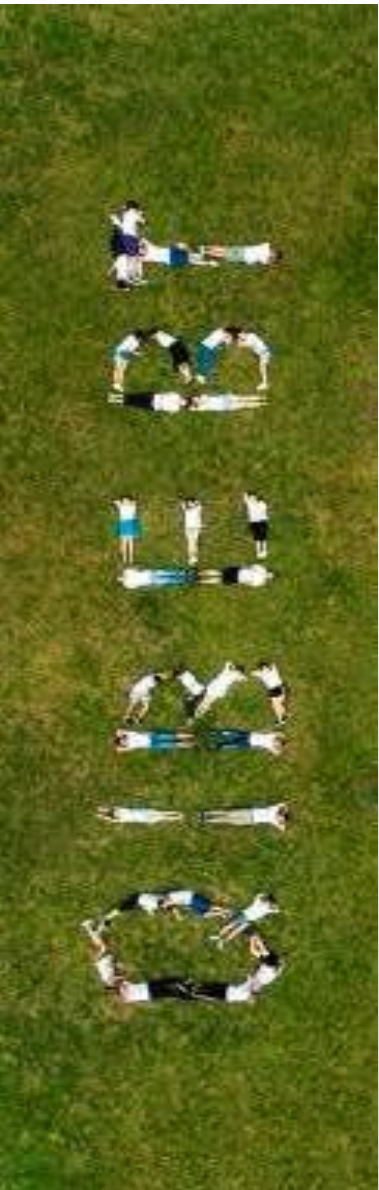
5-8 Research Laboratories

Fossil Energy Research Lab
Solar Energy Research Lab
Bioenergy Research Lab
Advanced Energy Storage Research Lab
Hydrogen and Fuel Cell Research Lab

Relying on the Qingdao Institute of Bioenergy and Bioprocess Technology CAS, Shandong Energy Institute was co-built by the Chinese Academy of Sciences, Shandong provincial government and Qingdao municipal government.

- Research on basic, forward-looking and key technologies of clean energy
- In-depth integration of government, industry, education, research, finance, service and user
- Strong technical support for energy industry in Shandong

Qingdao Institute of Bioenergy and Bioprocess Technology (QIBEBT), CAS



In 2006, QIBEBT was jointly established by the Chinese Academy of Sciences(CAS), the Shandong provincial government, and the Qingdao municipal government. The core mandate of the institute is to closely combine national and regional innovation-driven development and industrial upgrading needs with a focus on frontier biology, renewable energy, and advanced materials.

- QIBEBT has more than **1,000 staff**, with an average age of **37**, **70%** of the key research staff have **overseas education or working experience**
- QIBEBT has **2 postdoctoral research centers** in the fields of Biology, Chemical Engineering and Technology, Material Science
- **Master's and Doctoral Program**

About Qingdao

**Vibrant
and
Cultural**



**An Economic
Center**
Ranking 4th Economic
Area in China



Top 10 most livable city in China
Marine Climate : moist air, abundant rainfall,
moderate temperature , distinct four seasons

**International marine scientific
research center**
26 universities and institutes



About SEI & QIBEBT

SEI &
QIBEBT



3H

House: in-campus apartment (rent)

Home: qualified education for children

Health: qualified healthcare for family



Comfortable working environment

Over 130 million RMB of generic research facilities

The cradle of young talent innovation and entrepreneurship



First Step

- ✓ CV with publication and research project records
- ✓ A research proposal that describes what you did and career goals
- ✓ Please submit the above application documents to address as below
- ✓ Further information please visit <http://www.english.qibebt.cas.cn>

Contact



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QIBEBT



Contact



Welcome to Join Us!