

Taking research success to new heights

Focusing on multi-disciplinary growth in fields from information technology to biotechnology, a young national institute in Shenzhen has accomplished **RAPID ACADEMIC AND RESEARCH GROWTH**.

As an innovational capital of science and technology, Shenzhen is supported by its extensive supporting infrastructure, including the Shenzhen Institutes of Advanced Technology (SIAT) of the Chinese Academy of Sciences (CAS) established in 2006.

"We aim to enhance the innovation capacity of the equipment manufacturing and service industries in the Greater Bay Area (GBA), while fostering start-ups from emerging industries in their development and ownership of proprietary intellectual properties," said Jianping Fan, president of SIAT.

Renowned for translating fundamental research into industrial applications, its scientists and engineers have built academic and industrial

successes beyond the GBA, transforming SIAT into a world-class institute with global impact.

Ensuring sustainable competence

Jointly established by CAS, the Shenzhen municipal government, and the Chinese University of Hong Kong in February 2006, SIAT has accelerated international collaborations in fundamental research, continuing to achieve new milestones in the face of the ongoing pandemic. Extensive efforts are also made to ensure socio-economic benefits, such as its incubation of 958 companies in the fields of emerging industries. These include affordable health care, service robots, electric vehicles, cloud computing,



digital cities, nano-medicine, new energy, and new materials.

SIAT has also offered graduate training since 2010, having cultivated more than 9,000 graduates from 15 countries. Established in 2018 as an affiliated university, the University of Shenzhen Institutes of Advanced Technology (U of SIAT) has since provided academic training on all levels from undergraduate to PhD programmes. A new campus is set to open in 2023.

SIAT invites applications from international scholars for faculty positions at the ranks of dean, department head, professor, associate professor, assistant professor, and instructor. U of SIAT offers internationally competitive salary and benefits, as well as generous resources, and start-up funds. The university provides access to state-of-the-art research facilities, as well as strong academic and administrative support for its faculty and trainees to pursue their scientific goals. ■



1068 Xueyuan Avenue, Shenzhen University Town, Shenzhen, China

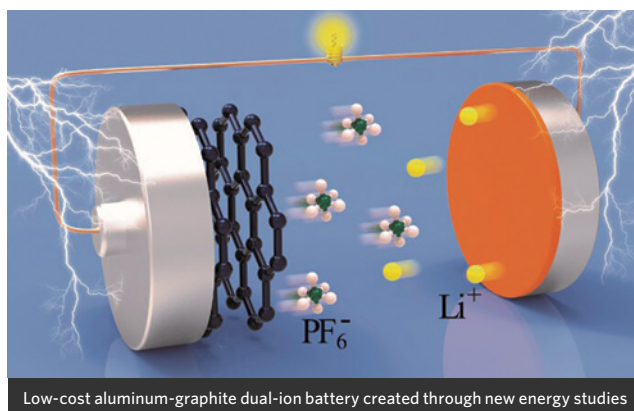
hr@siat.ac.cn
+86-755-86392463
english.siat.cas.cn

SHENZHEN INSTITUTES OF ADVANCED TECHNOLOGY:

- **Nine** national innovation labs
- **28** provincial and **79** municipal key laboratories and platforms
- **51** research centres and **eight** affiliated institutes: Shenzhen Institute of Advanced Integration Technology (SIAIT); Institute of Biomedical and Health Engineering (IBHE); Institute of Advanced Computing and Digital Engineering (IACDE); Institute of Biomedicine and Biotechnology (IBB); Guangzhou Institute of Advanced Technology (GIAT); Brain Cognition and Brain Disease Institute (BCBDI); Institute of Synthetic Biology; Institute of Advanced Electronic Materials (IAEM)
- By the end of June 2020, SIAT has published a total of **10,212** research papers, among which **5,182** are included in SCI index, **3,474** in EI/ISTP index, and **64** in *Nature*, *Science* and other leading journals.

U OF SIAT:

- **Six** schools: School of Life and Health Sciences, School of Biomedical Engineering, School of Computer Science and Control Engineering, School of Pharmacy and Biomedicine, School of Material Science and Engineering, and School of Engineering Biology
- **≥300** professor positions



Low-cost aluminum-graphite dual-ion battery created through new energy studies