

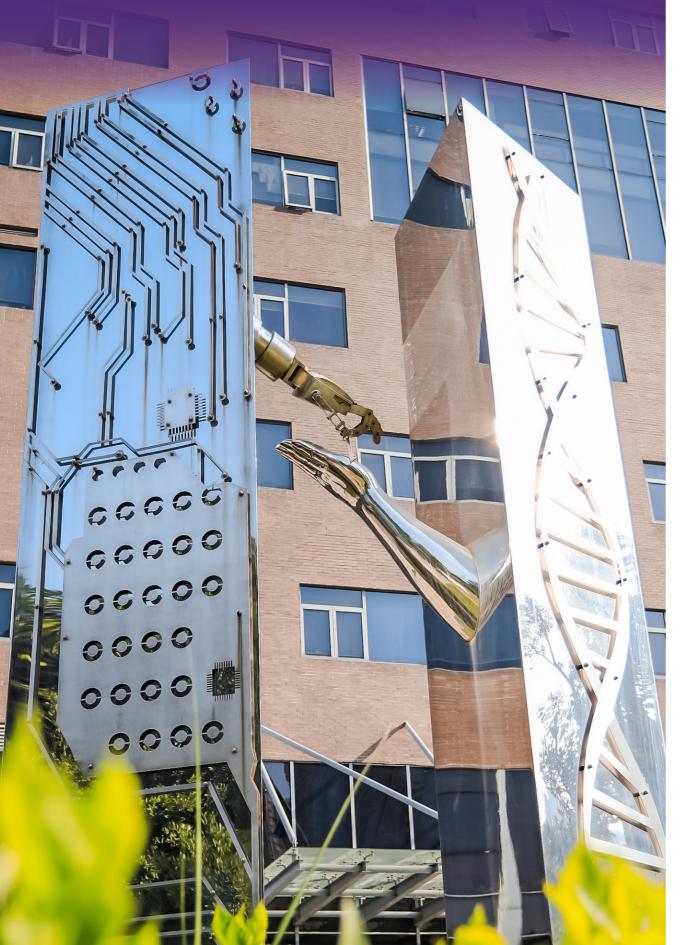
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CONTACT US





Admission Guidelines for International Students



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Message from the President

Professor. Fan Jianping

SIAT endeavors to build a world-class industrial research institute and attract top-notch talents. Focusing on Information Technology and Biotechnology (IBT), SIAT has made major technological innovations in the fields of biomedical engineering, brain science, synthetic biology, biomedicine, advanced electronic materials, robotics, artificial intelligence, advanced computing and new energy.

Based on the "three-in-one" talent training framework - Academic Faculties, Research Institutes, and Residential Colleges, our new university will dedicated to building a world-class research university and an exemplifying model in the Guangdong-Hong Kong-Macao Greater Bay Area.

Carrying forward the hard-working spirit, SIAT will realize its dreams along with vou!



Chuangzhi WU Secretary, SIAT CPC Committee

Establish ambitious goals, scale the new heights of science.



Wei ZHAO

Chair of Academic Council, Chair Professor, SIAT

No shortcuts for success and no calculation for life.



Jianguo XU

Vice President, SIAT

SIAT is a place where you discover yourself, challenge yourself, and achieve yourself.



Hairong ZHENG

Vice President, SIAT

The fascination of science ultimately lies in bold innovation.



Wei FENG

Secretary, SIAT Commission for Dicipline Inspection

Talent hits a target no one else can hit; Genius hits a target no one else can see.

Facts and Figures



Research

9 Affiliated Institutes

51 Research Centers

11638 Published Papers

6036 SCI Papers

Nature Index 32.07



Facts and Figures



International

Global partnership with **38** countries and districts

International students and staff from more than **30** countries

More than **200** cooperational programs with **98** universities and institutions worldwide

Over **60%** staff have overseas study or working experience



Capital Capital

2 Angel Funds

3 Venture Capitals

1 Merger Fund



408

Graduate

Supervisors

8

Academicians

6

PhD

Programs

10

Programs

Master

Education

1800+

Postgraduates

825

Post-docs

The number of Postdoctoral Science Fund recipients has ranked **1st** in CAS for **5** successive years

03

History of SIAT

The Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences (SIAT) was jointly established by Chinese Academy of Science (CAS), the Shenzhen Municipal People's Government and the Chinese University of Hong Kong in February 2006. SIAT aims to enhance the innovative capacity of the equipment manufacturing industry and modern service industry in the Guangdong-Hong Kong-Macao Greater Bay Area and promote the development of the emerging industries with proprietary intellectual property rights, with the pursuit of building itself into a world-class industrial research institute.

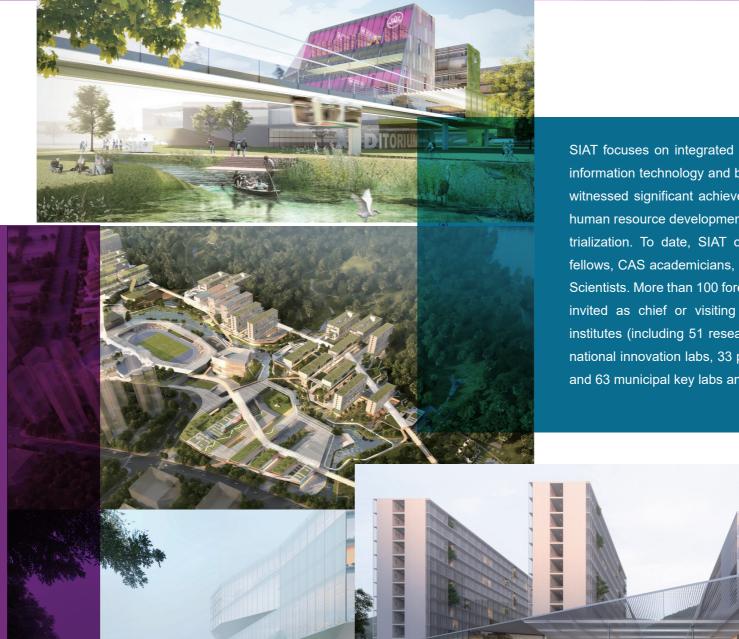
In 2010, SIAT was authorized as a campus for the graduate programs at the University of Chinese Academy of Sciences (UCAS), which is a research university that not only focuses on graduate education but strives to promote the cultivation of talents through scientific research. Its predecessor, the Graduate University of Chinese Academy of Sciences, was the first graduate school in China established in 1978. UCAS witnessed the graduation of the first doctorate in science, the first doctorate in engineering, the first female doctoral student and the first student with dual doctoral degrees conferred in China.

Following the philosophy of "fusing research and education", SIAT is dedicated to training inter-disciplinary talents with academic excellence, international vision, innovative capabilities and entrepreneurship. Over the years, SIAT has trained more than 10,000 successful graduates, who are highly recognized by the industry and academia.



Today's SIAT

In 2018, the Chinese Academy of Sciences (CAS) and the Shenzhen Municipal Government signed an agreement to build a new university the Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences (tentative name, hereinafter referred to as "SIAT"). In 2020, SIAT was officially established. SIAT is committed to building a world-leading research-oriented university underpinned by well-established scientific disciplines and pioneering technologies.

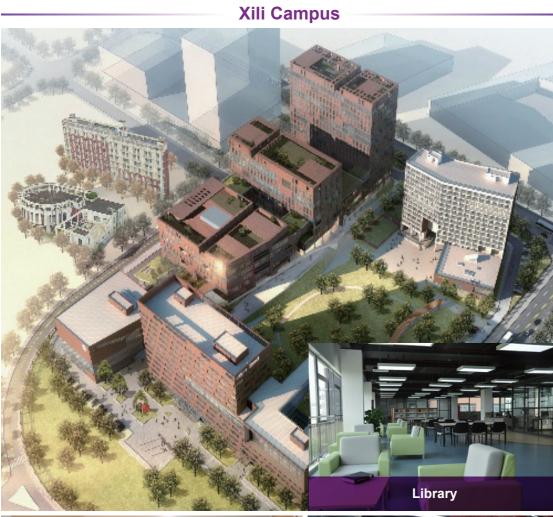


SIAT focuses on integrated multidisciplinary development of information technology and biotechnology. The past 15 years witnessed significant achievements that SIAT has yielded in human resource development, academic research and industrialization. To date, SIAT owns 2484 staff including IEEE fellows, CAS academicians, and National Outstanding Young Scientists. More than 100 foreign distinguished professors are invited as chief or visiting scientists. Besides 9 affiliated institutes (including 51 research centers), SIAT is home to 9 national innovation labs, 33 provincial key labs and platforms and 63 municipal key labs and platforms.

Organization of SIAT



- Faculty of Life and Health Sciences
- Faculty of Pharmaceutical Sciences
- Faculty of Computer Science and Control Engineering
- Faculty of Synthetic Biology
- Faculty of Material Science and Engineering
- Faculty of Biomedical Engineering
- Faculty of Business Administration
- Faculty of Marxism
- The First Residential College
- 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 (iSynBio)
- Institute of Advanced Materials Science and Engineering (IAMSE)
- Institute of Technology for Carbon Neutrality















Guangming Main Campus



Why Shenzhen

Shenzhen is a coastal city in the south of Guangdong province, China. Located on the east bank of the Pearl River estuary, it neighbors Hong Kong to the south, Huizhou to the northeast and Dongguan to the north. Situated in a sub-tropical maritime region, Shenzhen enjoys a pleasant atmosphere, clean air, long beaches and ample sunshine, which provide its residents a comfortable environment to study, work, and live.

As the paradigm of China's Reform and Opening-up, Shenzhen has become a modern and international metropolis and a core port for international trade. Its international import and export trade has ranked first in China for 27 successive years up to 2020.

The city is a leading global technology hub, dubbed as China's Silicon Valley. It is home to headquarters of many multinational companies such as JXD, Vanke, Hytera, CIMC, Tencent, Huawei and BYD, and ranks 9th in the 2019 Global Financial Centres Index.



Why China

China is the second largest economy in the world with its GDP exceeding RMB 100 trillion in 2020, and Chinese companies dominating the 2020 Fortune Global 500 list with 124 firms. In the 2020 Global Innovation Index, China ranks 14th among 131 economies. Coming to China, you will have abundant career opportunities benefitting from China's economic growth.

The Chinese government has pledged to build more 'world-class' universities and attract a greater number of international students. Up to 2020, universities in China have trained over 500,000 international students. Studying in China, you will get to know new friends from all over the world.

As one of the oldest civilizations in the world, China is also an amazing place to visit. Studying in China, you will have the chance to embrace a new culture, study a new language and enjoy a variety of delicious food.



Professor Jianping FAN

- President, SIAT
- Academician, International Eurasian Academy of Sciences
- Fellow, China Computer Federation (CCF)
- Expert with Special Government Allowances of the State Council
- First Prize, the National Scientific and Technological Progress

Professor Fan Jianping is mainly engaged in the research of high-performance computers, cloud computing, parallel and distributed computing. He is one of the founders of Dawning high-performance computer, and presided over the research of "Dawning No. 1", "Dawning 1000" and a series of Dawning scalable parallel computer systems. He put forward the concept of "low-cost health" for the first time in China. As an advocate and leader of "low-cost health", he led the completion of "Haiyun Project" to make "low-cost health" accessible for all the people in China. He has also successfully chaired more than 10 national 863 research programs, published 3 monographs and 159 papers, and possesses 81 patents.



Professor Wei ZHAO

- Chair of Academic Council, Chiar Professor, SIAT
- The Eighth Rector (President), The University of Macau
- Academician, International Eurasian Academy of Sciences

Dr. Zhao has made significant contributions in cyber-physical systems, distributed computing, real-time systems, computer networks, and cyberspace security. He has been leading the effort to define research agenda of cyber-physical systems and started the funding program for it. He was named by Chinese Ministry of Science and Technology as the "Chief Scientist of National Program on Key Basic Research Project" (973 Program), won the "Lifetime Achievement Award" by the China Association for Science and Technology and the "Overseas Achievement Award" by China Computer Federation, awarded honorary doctorates by 12 universities globally and elected as the academician of International Eurasian Academy of Sciences.



Professor Yutian WANG

- Dean, Chair Professor, Faculty of Life and Health Sciences
- Fellow, The Royal Society of Canada (Academy of Sciences)
- The First Holder of the Heart and Stroke Foundation of BC and Yukon Chair in Stroke Research
- International Research Scholar, The Howard Hughes Medical Institute
- Chair Professor, Department of Medicine, The University of British Columbia

Dr. Wang is an internationally recognized neuroscientist who has transformed our understanding of the mechanisms underlying brain function and dysfunction. His work on regulation of ligand-gated neurotransmitter receptors has changed our understanding of how these receptors function in the nervous system, which has a significant impact on the scientific community. Dr. Wang is also a leading scientist in stroke research, whose lab has developed specific inhibitors to disrupt the pathways that cause cell death in stroke, demonstrating their therapeutic potential in reducing brain damage. He has directly and successfully supervised more than 60 graduate students and postdoctoral fellows, many of whom have taken respectable positions in academia and published their work in leading journals.



Professor Yi PAN

- Dean, Chair Professor, Faculty of Computer Science and Control Engineering
- Emeritus Regents' Professor, Former Chair & Associate Dean, Georgia State University
- Former Guest Professor or Chair Professor, Tsinghua University, Peking University and Zhejiang University
- Fellow of AIMBE, RSPH, IET and JSPS

Dr. Pan's current areas of research interests lie in bio-informatics and health informatics using big data analysis, cloud computing and machine learning technologies. He published more than 450 papers including over 250 journal papers, among which more than 100 papers were published in *IEEE/ACM Transactions/Journals*, authoring and editing 43 books. He is the recipient of many awards including "Best Paper Awards", "IEEE BIBE Outstanding Achievement Award" and "IEEE Outstanding Leadership Award". As a Fellow of AIMBE, RSPH, IET and JSPS, he has worked as a guest professor/chair professor of renowned universities such as Tsinghua University, Peking University and Zhejiang University.



Professor Youhai CHEN

- Dean, Chair Professor, Faculty of Pharmaceutical Sciences
- Emeritus Professor of Pathology and Laboratory Medicine, Perelman School of Medicine, University of Pennsylvania

Dr. Chen's research focuses on developing new drugs for treating inflammatory diseases and testing methods of small molecule inhibitors of the nuclear factor kappa B pathway. Engaging in the researches of cancer treatment, inflammatory mechanisms and treatment, he has made remarkable achievements in many fields such as the regulation of immune response, the pathogenesis and the treatment of immune diseases and the application of new immune checkpoint inhibitors for cancer treatment. Having published more than 150 academic papers (H-index 64, i10-index 128) in *Science, Cell, Nature, Nature Immunology, Nature Cancer* and other international authoritative journals, he owns 8 patents in the United States, Australia and China, 7 of which were granted.



Professor Xian-En ZHANG

- Honorary Dean, Chair Professor, Faculty of Synthetic Biology
- Principal Investigator, Institute of Biophysics, Chinese Academy of Sciences
- Honorary Doctor of Science Degree, University of Alberta
- Fellow of AIMBE and RSC
- Vice President, Chinese Society of Biotechnology
- Founding Co-chair, Division of Nanobiotechnology/Biosensors/Biochips, AFOB
- Founding Director, Committee of Biosensors/Biochips/Nanobiotechnology, Chinese Society of Biotechnology

Dr. Zhang specializes in biosensors and nanobiology, and has published over 280 peer-reviewed papers. His current research interest is to develop advanced analytical tools based on synthetic biology to elucidate the scientific problems in virology, cancer cell biology and cell biology. He serves as the member of the editorial board or the advisory board of many prestigious academic journals including *Biosensors & Bioelectronics and Science China-Life Sciences*. As the principal coordinator, he has participated in the strategic study of the national development plan of interdisciplinary sciences and synthetic biology.



Professor Horst VOGEL

- Scientist-in-chief, Center for Computer-Aided Drug Discovery (CADD)
- Academician, Swiss Academy of Sciences
- · Academician, National Academy of Inventors (NAI), USA
- Professor Emeritus, Swiss Federal Institute of Technology Lausanne (EPFL)
- Chinese Government Friendship Award Owner (2020)

Prof. Vogel is an expert in membrane protein biotechnology, specializing in membrane protein structure and function and drug molecule testing biochip technology innovation research, and uses artificial intelligence new drug screening methods to improve the efficiency of modern new drug development. Prof. Vogel invented a series of world-first biochip technologies, which systematically solved the core problems in drug development and created single-molecule cell tracking technology. He contributes to the research and development of new drugs targeting membrane protein GPCRs, including the first optical sensor chip for probing the activation of G protein coupled receptors; the first silicon chip for automated planar patch clamp measurements; the investigation of membrane proteins by single-molecule spectroscopy and imaging in reconstituted systems and living cells.



Professor Helmut KETTENMANN

- Head of Department, Department of Neuroscience, Faculty of Life and Health Sciences
- Academician, the German National Academy of Sciences Leopoldina
- Academician, Academia Europaea
- Senior Professor, the Humboldt University Berlin (Charité)
- Editor-in-Chief, GLIA

Dr. Kettenmann's research interests are focused on the role of glial cells in the normal and pathological brain. One goal is to analyze how astrocytes and oligodendrocytes are connected via gap junctions to form a panglial network and how this network influences neuronal function in the white and grey matter. Another line of research addresses the roles of microglia in different neurological diseases. He was a founding member and Secretary General of the German Neuroscience Society (1993-2006), President of Federation of European Neuroscience Societies, FENS (2008-2010), and the President of the German Neuroscience Society, NWG (2013-2015).



Professor Youming ZHANG

- Principal Investigator, Institute of Synthetic Biology
- Academician, National Academy of Science and Engineering (Acatech), Germany
- Academician, Academia Europaea
- Head of Group, DNA recombination and genome engineering
- Director, State Key Laboratory of Microbial Technology

Youming Zhang is an innovator of Red/ET recombination engineering and direct cloning technology which is a milestone in the field of genetic engineering and it is an essential technique for genetic modification of large-size DNA molecules. He pioneered the Red/ET recombination mediated direct cloning, genetic engineering and heterologous expression of complex natural product biosynthetic pathways. Further, he is a renowned expert in the field of biotechnology for natural products with significant research achievements towards investigation of bioactive natural products using DNA recombineering system. He frequently publishes in well-ranked journals including Nature, Nature Biotechnology, Nature Nanotechnology, Nature Communications, PNAS, Angewandte Chemie, Nucleic Acids Research, and is keynote speaker at prestigious international conferences.



Professor John Roger SPEAKMAN

- Deputy Dean, Professor, Faculty of Pharmaceutical Sciences
- Scientist-in-chief, Center for Energy Metabolism and Reproduction
- Foreign Academician, the Chinese Academy of Sciences
- Academician, the National Academy of America
- Fellow, UK Royal Society
- Professor, University of Aberdeen, Scotland, UK

Dr. Speakman is an international authority in the application of doubly-labelled water in measuring energy metabolism in free living animals and humans. His research focuses on understanding the genetic and environmental factors that influence and limit energy expenditure in animals and humans. His work is of great significance for our understanding of human diseases, climate change, conservation biology and evolutionary biology. Over his career, Dr. Speakman published a total of more than 550 peer reviewed papers. On the Web of Science database, his H factor is 79 and his papers have been cited more than 24,000 times (by Feb 2021). He also serves as an editorial board member of several first-class academic journals including Science, Physiological reviews and PNAS.



Professor Huiming CHENG

- Honorary Dean, School of Materials Science & Engineering
- Director, Institute of Technology for Carbon Neutrality
- Academician, Chinese Academy of Sciences
- Academician, the World Academy of Sciences

Dr. Cheng's research activities focus on carbon nanotubes, graphene, other 2D materials, energy storage materials, photocatalytic materials, and bulk carbon materials. He has published over 750 papers with a WoS citation of 95,000 and an h-index of 138, and is a Highly Cited Researcher in both chemistry and materials science fields. He has given over 190 plenary/keynote/invited lectures at various conferences, and now is the founding Editor-in-Chief of Energy Storage Materials and Associate Editor of Science China Materials.



Professor Diana BORASCHI

- Scientist-in-chief, Center for Polymer Drugs
- Honorary Professor, Faculty of Pharmaceutical Sciences
- Academician, Accademia Dei Fisiocritici
- Senior member, the National Research Council of Italy
- Acting Director and Research Director, Institute of Protein Biochemistry, the National Research Council of Italy
- Member, Top Italian Scientists Club & Top Italian Women Scientists Club

Dr. Diana Boraschi studies the mechanisms of innate defence responses, focusing particularly on the role of macrophages and inflammatory cytokines in the effector phase of defence reactions against infections and tumours, and in vaccination adjuvanticity and safety. She has served as Director of Fellowships at the Human Frontier Science Program Organization in Strasbourg, France, and external expert evaluator for the research programmes (FP5, FP6, FP7, H2020, EDCTP) of the EU Commission, the Singapore National Medical Council, and the US National Science Foundation. She is author of more than 200 peer-reviewed research articles in immunology (h-index 58), editor/author of 21 books, and inventor in eight patents, in addition to numerous monographic and divulging publications.



Professor Guanglin Ll

- Director, Shenzhen Institute of Advanced Integration Technology
- Senior Member of IEEE
- International Advisory Board Member, Journal of Physiological Measurement
- Associate Editor, IEEE Journal of Biomedical and Health Informatics

Dr. Li's research interests lie in neural engineering, neural rehabilitation engineering, neural-machine interfaces and biomedical signal processing. He has published more than 80 scientific papers in internationally renowned journals such as *JAMA* and *IEEE Transactions*. He joined IEEE Society as a senior member in 2006.



Professor Yu QIAO

- Director, Institute of Advanced Computing and Digital Engineering
- Youth Science and Technology Innovation Leader, Ministry of Science and Technology (China)
- Awardee of "Youth Science and Technology Innovation Leader"

Dr. Qiao's research interests include computer vision, deep learning, pattern recognition and intelligent robotics. He has published more than 200 papers in international journals and the proceedings of conferences including *T-PAMI*, *IJCV*, *T-IP*, *T-SP*, *CVPR* and *ICCV*, whose Google Scholar citation index is above 22947 and Google Scholar h-index stands at 58.



Professor Liping WANG

- Director, Institute of Brain Cognition and Brain Disease
- Founder and Director, CAS Key Laboratory of Brain Connectome and Manipulation
- Chairman, Neuroscience and Technology Research Branch of Chinese Neuroscience Society
- Council Member, Chinese Neuroscience Society
- Council Member, The Chinese Society for Cognitive Science of Chinese Neuroscience Society

Dr. Wang's research interest focuses on elucidating specific neural circuits responsible for innate behaviors and adjustment of innate behaviors to specific circumstances and choices of behavioral responses. He is a recipient of "Distinguished Professor of Changjiang Scholars Program and "Leading Scientist of Ten Thousand Talents Program" (2016). He was also awarded "Distinguished Young Scholar programme" (2014) and "Hundred Talent Program" (2010).



Professor Rong SUN

- Director, Institute of Advanced Materials Science and Engineering
- Director, Center of Advanced Material Research
- Expert with Special Government Allowances of the State Council
- Senior Member of IEEE

Dr. Sun's research addresses major challenges in modern electronics including packaging of materials for electronics, nano-composites and lubricating materials. She provides perspectives on the technological and economic elements shaping modern electronics. She owns over 130 patents, and published over 300 papers and one co-authored book.



Professor Hairong ZHENG

- Vice President
- Director, Institute of Biomedical and Health Engineering
- Director, The Paul C. Lauterbur Research Center for Biomedical Imaging
- Director, National Innovation Center for Advanced Medical Devices
- Director, CAS Key Laboratory of Health Informatics

Dr. Zheng conducts primary researches on the application of information technology and theoretical methods of medical imaging. He received "The National Science Fund for Distinguished Young Scholar" (2013) and was awarded "Tan Kah Kee Young Scientist Award" (2014), "National Leading Talents of Ten Thousand Plan" (2016), "The Ho Leung Ho Lee Foundation Young Scientist Award" (2017), etc.



Professor Lintao CAI

- Director, Institute of Biomedicine and Biotechnology
- Fellow, International Association of Advanced Materials (IAAM) and American Institute for Medical and Biological Engineering (AIMBE)
- Council Member, Chinese Chemical Society (CCS)
- Board Member, Chinese American Society of Nanomedicine and Nanobiotechnology (CASNN)
- Member, Royal Society of Chemistry (RSC) and the American Chemical Society (ACS)

Dr. Cai's research areas include nano-medicine, functional materials, chemical biology and biomedical engineering. He has published 193 papers in journals including *Journal of the American Chemical Society, Nano Letters, ACS Nano, Chemistry of Materials, Biomaterials, Chemical Communications and Journal of Controlled Release*, owning 10000 citations and 115 authorized patents.



Professor Chenli LIU

- Director, Shenzhen Institute of Synthetic Biology
- Director, CAS Key Laboratory of Quantitative Engineering Biology
- Deputy Director, Synthetic Biology Specialized Committee in Chinese Society of Bioengineering
- Co-Executive Editor-in-Chief, Synthetic Biology Journal
- Associate Editor, Engineering Biology
- Editorial Board Member, ACS Synthetic Biology

Dr. Liu's research interest focuses on quantitative synthetic biology. His research results have been published in *Nature*, *Science*, *Nature Microbiology and PNAS*. He is also the recipient of several prestigious awards, such as "Young Scientist Award of Chinese Academy of Sciences" and "VCANBIO Award for Biosciences and Medicine".



Professor Hai YUAN

- Director, Guangzhou Institute of Advanced Technology
- Deputy Director, Shenzhen Institute of Synthetic Biology
- Senior Member of IEEE

Dr. Yuan has worked at Shenzhen institute of advanced technology (SIAT) since 2006, where he served as the deputy director of R&D department. He was appointed as the director of Guangzhou Institute of Advanced Technology (GIAT) in 2017. His research interests include software engineering, automation and intelligent control. He has published over 20 papers and acquired over 40 patents.

Postgraduate Programs







Majors

PhD Programs

Chemistry

Chemical Biology Chemistry and Physics of Polymers Physical Chemistry

Biology

Biochemistry and Molecular Biology Microbiology Neurobiology

Control Science and Engineering

Pattern Recognition and Intelligent Systems

Computer Science and Technology

Computer Applied Technology

Optical Engineering

Optical Engineering

Materials and Chemicals

Materials and Chemicals



Master Programs

Chemistry

Chemical Biology Chemistry and Physics of Polymers Physical Chemistry

Biology

Biochemistry and Molecular Biology

Control Science and Engineering

Pattern Recognition and Intelligent Systems

Computer Science and Technology

Computer Applied Technology

Optical Engineering

Optical Engineering

How to apply

Get to know the program details and scholarship opportunities

Step **01**

http://english.siat.cas.cn/ -- Admissions -- Programs

 $_{ ext{Step}}02$

Contact your potential supervisor and get preliminary acceptance

Supervisors for International PhD Students:

http://english.siat.cas.cn/--Admissions--Supervisors--Supervisors for PhD students

Supervisors for International Master Students:

http://english.siat.cas.cn/--Admissions--Supervisors--Supervisors for master students

Apply Online at UCAS Application System for International Students

Step **03**

https://adis.ucas.ac.cn/

Materials required

- A complete CV with a brief introduction of research experience;
- Official degree certificates (photocopy)
- Official academic transcripts (photocopy)
- TWO reference letters
- A detailed research proposal
- · Title pages and abstracts of published papers
- Foreigner Physical Examination Form
- · A passport size color photograph

Scholarship Deadline

March 31st : ANSO Scholarship for International Students, Chinese Government Scholarship, UCAS Scholarship

May 31st: Other scholarship programs or self-support program

Excellent International Graduates



Dr. Tung NGUYEN

- PhD in Computer Applied Technology, Class of 2015
- Dean of the Faculty of Computer Science and Engineering, Thuy Loi University (TLU), Vietnam

Dr. Nguyen is from Vietnam and obtained his doctoral degree from SIAT in 2015. After graduation, he had been working as the Vice Dean of the Faculty of Computer Science and Engineering at Thuy Loi University (TLU), Vietnam. Since September 2015, he has been appointed as the Dean of the Faculty of Computer Science and Engineering. His current research interests include machine learning artificial intelligence for tackling climate change and controlling system, with particular focuses on advanced learning methods of classification, statistical learning and ensemble methods for high-dimensional data. He has published over 30 papers in international journals and conference proceedings.



Dr. Oluwarotimi Williams Samuel

- PhD in Pattern Recognition and Intelligent System, Class of 2018
- Post-doc at SIAT, 2018-2020
- Associate Professor & Master Supervisor, The Center of Neural Engineering, Shenzhen Institute of Advanced Integration Technology, SIAT

Dr. Oluwarotimi is from Nigeria, working as an Associate Professor and Master Supervisor at the Center of Neural Engineering, Shenzhen Institute of Advanced Integration Technology. He had been pursuing his PhD and Post-doc at SIAT from 2014 to 2020, funded by the CAS-PIFI and CAS-TWAS scholarships respectively. His studies focus on the biomechanics of upper extremity motor function and how movement intentions can be adequately decoded from biological signals. He has published 64 science papers in reputable peer-reviewed international journals (SCI-indexed) and conference proceedings (EI-indexed), more than 30% of which are first-author papers.