SUSTech 2025 Doctoral Programs in English for International Students

Colleges	Schools/ Departments 所在系	Name of Supervisor 导师姓名	Major 招生专业	Research Area(s) 研究方向	Supervisor's Webpage 个人主页
College of Science	Department of Mathematics	Alexander Kurganov	Mathematics	Numerical methods for hyperbolic PDEs	https://math.sustech.edu.cn/c/kurganovalexander
College of Science	Department of Mathematics	Bochen Liu	Mathematics	Harmonic analysis, Geometric measure theory, Combinatorics	https://math.sustech.edu.cn/c/liubochen
College of Science	Department of Physics	Xinxin Cai	Physics	Spin qubits in semiconductor quantum dots, quantum materials and devices.	https://faculty.sustech.edu.cn/caixx
College of Science	Department of Physics	Jinlong Zhu	Physics	Condensed Matters under High Pressure High Pressure Neutron Diffraction	https://www.sustech.edu.cn/en/faculties/zhujinlong.html
College of Science	Department of Physics	Shuoying Yang	Physics	Quantum transport, unconventional superconductivity, twistronics	https://phy.sustech.edu.cn/faculty/detail/id/4273.html?lang=en-us
College of Science	Department of Physics	Xiaoguang Ma	Physics	Soft Matter and Biophysics	https://faculty.sustech.edu.cn/?tagid=maxg&iscss=1&snapid=1&orderby=date&go=2&lang=en
College of Science	Department of Physics	Junhao Lin	Physics	1. Transmission Electron Microscopy (TEM/STEM) 2. Synthesis and Modulation of 2D Materials 3. Structure-Properties Correlationof Low-Dimensional Materials	https://linjh.phy.sustech.edu.cn/index?id=8
College of Science	Department of Physics	Junhao Lin	Materials Science and Engineering	1. Transmission Electron Microscopy (TEM/STEM) 2. Synthesis and Modulation of 2D Materials 4. Structure-Properties Correlationof Low-Dimensional Materials	https://linjh.phy.sustech.edu.cn/index?id=9
College of Science	Department of Physics	Mengfei He	Physics	Experimental fluid mechanics; Elasticity and thin-shell mechanics; Soft condensed matter physics	
College of Science	Department of Chemistry	Wei Shu	Chemistry	Transition-metal catalysis; photocatalysis	https://faculty.sustech.edu.cn/shuw/en/
College of Science	department of chemistry	Chuang-Chuang Li	Chemistry	organic chemistry	https://li.chem.sustech.edu.cn/
College of Science	Department of Chemistry	Chuan He	Chemistry	1. Organic Chemistry 2. Synthetic Methodology 3. Asymmetric Catalysis 4. Chiral Organosilicon and Boron Chemistry	http://faculty.sustech.edu.cn/hec/
College of Science	Department of Chemistry	Ruijun Tian	Chemistry	Precision medicine-oriented MS-based proteomics technology development and applications mainly in intercellular signaling of tumor microenvironment.	https://faculty.sustech.edu.cn/?tagid=tianrj&iscss=1&snapid=1&orderby=date&go=2&lang=en
College of Science	Department of Chemistry	Zhen-Yu Wu	Chemistry	Advanced nanomaterials; Electrocatalysis; Clean energy technology	https://faculty.sustech.edu.cn/?tagid=wuzy&orderby=date&go=2&iscss=1&snapid=1
College of Science	Department of Chemistry	Ke Liu	Chemistry	Energy and Chemical Engneering	https://faculty.sustech.edu.cn/liuk/
School of Life Sciences	School of Life Sciences	Andrew Hutchins	Biology	Epigenetics, stem cells, organoids, disease	https://www.chrom-lab.org/
School of Life Sciences	School of Life Sciences	Tao Dong	Biology	Molecular mechanisms of bacterial stress adaptation and interspecies interaction	https://faculty.sustech.edu.cn/dongt/
School of Life Sciences	School of Life Sciences	Wen Zhou	Biology	Innate immunity	https://faculty.sustech.edu.cn/zhouw/en/
School of Life Sciences	School of Life Sciences	LIU Zhongmin	Biology	Ribonucleoprotein Structure and function	https://faculty.sustech.edu.cn/?tagid=liuzm&iscss=1&snapid=1&orderby=date&go=2
College of Engineering	Department of Electronic and Electrical Engineering	Aung Ko Ko Kyaw	Materials Science and Engineering	Optoelectronic Materials and Devices	https://www.sustech.edu.cn/en/faculties/aung-ko-ko-kyaw.html
College of Engineering	Department of Electronic and Electrical Engineering	Yuefei Cai	Integrated Circuits Science and Engineering	III-nitride semiconductor devices	https://faculty.sustech.edu.cn/caiyf/en/
College of Engineering	Department of Electronic and Electrical Engineering	Qinghu Meng	Control Science and Engineering	Robotic Perception and Intelligence; Medical Robotics; Service Robots	https://www.sustech.edu.cn/en/faculties/mengqinghu.html
College of Engineering	Department of Electronic and Electrical Engineering	Jiankun Wang	Control Science and Engineering	Motion Planning and Control; Human-robot Interaction; Embodied Intelligence	https://www.sustech.edu.cn/en/faculties/jiankunwang.html
College of Engineering	Institute of Nanoscience and Applications	Bao-ping Zhang	Physics	GaN semiconductor optoelectronics	https://faculty.sustech.edu.cn/?tagid=zhangbp&go=2
College of Engineering	Institute of Nanoscience and Applications	Lars Samuelson	Physics	Design and growth of complex nanowire structures; New method of growing nanowires; Electro-optic studies of single quantum objects; Nanowire-based probes for neuroscience research; Nanowire arrays for photovoltaic applications; Nanowire arrays for LED applications;	https://faculty.sustech.edu.cn/lars.samuelson2021/en/
College of Engineering	Institute of Nanoscience and Applications	Xiao Wei Sun	Physics	High-quality display and lighting based on nanocrystals	https://faculty.sustech.edu.cn/sunxw/en/
College of Engineering	Department of Materials Science and Engineering	Changjian Li	Materials Science and Engineering	Complex oxide thin films and devices,AlScN thin films	https://faculty.sustech.edu.cn/?tagid=licj&iscss=1&snapid=1&orderby=date&go=2&lang=en
College of Engineering	Department of Materials Science and Engineering	Rui-Tao Wen	Materials Science and Engineering	Electrochromic devices. Epitaxy growth of semiconductor materials for electric and photonic applications	https://faculty.sustech.edu.cn/wenrt/en/
College of Business	College of Business	Daning Hu	Management Science and Engineering	Fintech, Blockchain and Web3, GenAI agents	https://sustchud.github.io/
College of Business	College of Business	Yue Guo	Management Science and Engineering	Sharing Economy, Digitial Marketing, AI and Mobible-business	https://faculty.sustech.edu.cn/?tagid=guoy&iscss=1&snapid=1&orderby=date&go=2&lang=en
College of Business	College of Business	Shaobo Li	Management Science and Engineering	Marketing	https://faculty.sustech.edu.cn/?tagid=lisb3&iscss=1&snapid=1&orderby=date&go=2&lang=en
College of Business	College of Business	Li Jin	Management Science and Engineering	Investment and fund-raising, mergers and acquisitions, private equity and venture capital, hedge funds, wealth management, family business governance and succession and capital operations	https://business.sustech.edu.cn/weben/professor_detail.php?id=21
College of Business	The Institute of Risk Analysis, Prediction & Management	Sandro Lera& Didier Sornette	Management Science and Engineering	Quantitative Finance; Complex Systems	https://sustech.edu.cn/zh/faculties/didiersornette.html

Colleges	Schools/ Departments 所在系	Name of Supervisor 导师姓名	Major 招生专业	Research Area(s) 研究方向	Supervisor's Webpage 个人主页
College of Engineering	School of Environmental Science and Engineering	Wenhui Qiu	Environmental Science and Engineering	Environmental Health	https://www.sustech.edu.cn/en/faculties/qiuwenhui.html
College of Engineering	School of Environmental Science and Engineering	Bintian Zhang	Environmental Science and Engineering	Analytical Chemistry, bio-analytical chemistry, biosensors, Microfluidic Chips	https://www.sustech.edu.cn/en/faculties/zhangbintian.html
College of Engineering	School of Environmental Science and Engineering	Yan Liu	Environmental Science and Engineering	Environmental Fluid Mechanics; Sediment transport; Fluvial Dynamics	https://www.sustech.edu.cn/en/faculties/liuyan.html
College of Engineering	Department of Ocean Science and Engineering	Hongwei Fang	Environmental Science and Engineering	Environmental Science	https://www.sustech.edu.cn/zh/leadership/fanghongwei.html
College of Engineering	Department of Ocean Science and Engineering	Lu Fan	Biology	Microbial Ecology and Evolution Microbiome Bioinformatics	https://faculty.sustech.edu.cn/fanl/en/
College of Engineering	Department of Ocean Science and Engineering	Shengwei Hou	Biology	Marine Microbial Ecology and Evolution	https://faculty.sustech.edu.cn/housw/en/
College of Engineering	Department of Ocean Science and Engineering	FENG Weiqiang	Mechanics	Mechanics of marine clay; Fiber optical sensing technology; Soil constitutive modelling	https://ocean.sustech.edu.cn/views/Teacher_information.html?id=244
College of Engineering	Department of Ocean Science and Engineering	Yong Fu	Mechanics	Offshore Geotechnical Enginnering (e.g., novel offshore anchorage foundations and contruction techniques)	https://faculty.sustech.edu.cn/?tagid=fuy3&iscss=1&snapid=1&orderby=date&go=2&lang=en
College of Engineering	Department of Ocean Science and Engineering	Jian-Fei Chen	Mechanics	Advanced materials and structures in Ocean Engineering Fibre reinforced composite mooring system Floating structures for renewable ennergy	https://www.sustech.edu.cn/zh/faculties/chenjianfei.html
College of Engineering	Department of Ocean Science and Engineering	Guang-Ling Song	Chemistry	Corrosion and Protection; Electrochemical technology; Magnesium alloys; Biofouling; Biocorrosion; Electrochemical production of Hydrogen and Oxygen; Magnesium-air battery; Biodegradable material; Intelligent protection	http://loop.frontiersin.org/people/114300/bio; https://orcid.org/0000-0002-9802-6836;https://www.researchgate.net/profile/
College of Engineering	Department of Mechanics and Aerospace Engineering	Lian-Ping Wang	Mechanics	Theory, implementation, and applications of Boltzmann-equation based CFD methods, Physics of multiphase flows	https://faculty.sustech.edu.cn/wanglp/en/
College of Engineering	Department of Mechanics and Aerospace Engineering	Minping Wan	Mechanics	Turbulence theory and simulation; Wind Energy; Geophysical and enviromental flows	https://faculty.sustech.edu.cn/wanmp/en/
College of Engineering	Department of Mechanics and Aerospace Engineering	Wei Hong	Mechanics	Mechanics of Soft Materials	https://faculty.sustech.edu.cn/hongw/en/
College of Engineering	Department of Mechanics and Aerospace Engineering	Yu Liu	Mechanics	Aeroacoustics, flow and noise control	https://faculty.sustech.edu.cn/liuy/en
College of Engineering	Department of Mechanics and Aerospace Engineering	Dong Yang	Mechanics	Thermoacoustic instabilities and aeroacoustics	https://faculty.sustech.edu.cn/yangd3/en/
College of Engineering	Department of Mechanics and Aerospace Engineering	Yahui Xue	Mechanics	Mechanics of nanomaterials, Nanofluidics; Mechanical metamaterials; Smart actuation and sensing techniques; microfluidic flow and heat transfer.	https://faculty.sustech.edu.cn/xueyh/en/
College of Engineering	Department of Mechanics and Aerospace Engineering	Ju Liu	Mechanics	Computational Mechanics	https://ju-liu.github.io/
College of Engineering	Department of Mechanics and Aerospace Engineering	Huanshu Tan	Mechanics	Physics of Multicomponent Fluids Interfacial Flows; Microfluidics; Drops&Bubbles	https://faculty.sustech.edu.cn/tanhs/en/
College of Engineering	Department of Mechanics and Aerospace Engineering	Xin Zhang	Mechanics	Solid mechanics, impact dynamics, mechanics of composite materials	https://faculty.sustech.edu.cn/zhangx8/en/
College of Engineering	Department of Mechanics and Aerospace Engineering	Peng YU	Mechanics	Complex Fluid Flow	https://faculty.sustech.edu.cn/yup6/en/
College of Engineering	Department of Mechanics and Aerospace Engineering	Xin Tang	Mechanics	Microflows, interfacial phenomena, microfluidics	https://faculty.sustech.edu.cn/tangx/
College of Engineering	Department of Mechanics and Aerospace Engineering	Lei Wu	Mechanics	rarefied gas dynamics; atmospheric reentry; Mars landing; multiscale plasma simulation	https://scholar.google.com/citations?user=xGIG_OcAAAAJ&hl=zh-CN
College of Engineering	Department of Mechanics and Aerospace Engineering	Bo Zhou	Mechanics	Turbulent reacting flow, Laser diagnostics	https://faculty.sustech.edu.cn/?tagid=zhoub3&iscss=1&snapid=1&orderby=date&go=2&lang=en
College of Engineering	Department of Mechanics and Aerospace Engineering	Jing Du	Mechanics	Mechanics and Materials; Fracture Mechanics; Biomechanics; Biomaterials; Medical Devices; Bio-inspired Design.	https://www.sustech.edu.cn/en/faculties/jingdu.html
College of Engineering	Department of Mechanical and Energy Engineerig	Haijiang Wang	Intelligent Manufacturing and Robotics	Fuel cell technology: 1) Research of key materials and components for fuel cells, including low platinum and non-platinum catalysts, proton exchange membranes, gas diffusion layers, bipolar plates 2) Membrane electrode structure design for proton exchange membrane fuel cell, including catalyst layer structure and interface 3) Fuel cell stack design, diagnosis, testing, life research 4) Design and performance optimization of electrochemical hydrogen compressor	https://faculty.sustech.edu.cn/wanghj/en/
College of Engineering	Department of Mechanical and Energy Engineerig	Yongbo Wu	Intelligent Manufacturing and Robotics	Multi-field assisted/hybrid precision manufactruing 1) Ultrasonic assisted cutting/grinding/polishing 2) Ultrasonic-plasma hybrid assisted grinding 3) Elliptic ultrasonic assisted fixed abrasive CMP 4) Magnetic compound fluid ultra-fine surface finishing 5) Development of ultrasonic medical device	https://faculty.sustech.edu.cn/wuyb/en/

Colleges	Schools/ Departments 所在系	Name of Supervisor 导师姓名	Major 招生专业	Research Area(s) 研究方向	Supervisor's Webpage 个人主页
College of Engineering	Department of Mechanical and Energy Engineerig	Yongsheng Ma	Intelligent Manufacturing and Robotics	Advanced Engineering Informatics for Smart Design and Manufacturing: (1) 3D point-cloud object characterization and feature modeling; (2) Smart sensing with LIDAR; (3) Human body parametric modeling and cloth matching with physical material chracteristics	https://faculty.sustech.edu.cn/mays/en/
College of Engineering	Department of Mechanical and Energy Engineerig	Qi-Huo Wei	Physics	Active matter physics, topological structures in liquid crystals, liquid crystal optics, liquid crystal elastomers, 3D/4D printing	https://faculty.sustech.edu.cn/weiqh/en/
College of Engineering	Department of Mechanical and Energy Engineerig	U Kei Cheang	Intelligent Manufacturing and Robotics	Micro- and Nanorobotics	https://faculty.sustech.edu.cn/zhengyj/en/
College of Engineering	Department of Mechanical and Energy Engineerig	Chengzhi Hu	Intelligent Manufacturing and Robotics	Magnetic microrobots; Magnetic actuation for capsule endoscope; Microfluidics for single cell analysis	https://mee.sustech.edu.cn/2018/node_1_4_0504/615.html
College of Engineering	Department of Mechanical and Energy Engineerig	Jiaming Bai	Intelligent Manufacturing and Robotics	Multifunctional Additive Manufacturing	https://mee.sustech.edu.cn/2017/node_1_4_0829/497.html
College of Engineering	Department of Mechanical and Energy Engineerig	Meng Lin	Intelligent Manufacturing and Robotics	Solar-driven fuel processing technology	https://mee.sustech.edu.cn/2019/node_1_4_0826/826.html
College of Engineering	Department of Mechanical and Energy Engineerig	Hongqiang WANG	Intelligent Manufacturing and Robotics	Novel Actuation and soft robots	http://hongqiang-wang.com/
College of Engineering	Department of Mechanical and Energy Engineerig	Lin Zeng	Intelligent Manufacturing and Robotics	Fuel cell technology, Renewable energy storage and conversion	https://mee.sustech.edu.cn/2019/jiaoshou3_0107/739.html
College of Engineering	Department of Mechanical and Energy Engineerig	Yonghua Zhao	Intelligent Manufacturing and Robotics	Non-traditional hybrid micro/nano manufacturing	http://faculty.sustech.edu.cn/zhaoyh/en/
College of Engineering	Department of Mechanical and Energy Engineerig	Xihan Chen	Chemistry	Photocatalysis, Ultrafast spectroscopy	https://faculty.sustech.edu.cn/chenxh/en/
College of Engineering	Department of Mechanical and Energy Engineerig	Binbin He	Intelligent Manufacturing and Robotics	Advanced high strength steels	https://faculty.sustech.edu.cn/hebb/
College of Engineering	Department of Mechanical and Energy Engineerig	Yiju Li	Chemistry	High-energy-density lithium metal batteries; Advanced electrolyte design and development; Alkali metal ion batteries; Solid-state lithium batteries	https://mee.sustech.edu.cn/2022/node_1_4_0825/1247.html
College of Engineering	Department of Mechanical and Energy Engineerig	Shaolin Xu	Intelligent Manufacturing and Robotics	Laser processing, Ultrafast Laser Micro-/Nanofabrication	https://faculty.sustech.edu.cn/xusl/
College of Engineering	Department of Mechanical and Energy Engineerig	Huijuan Feng	Intelligent Manufacturing and Robotics	Origami robots, Reconfigurable robots, Deployable structures	https://www.sustech.edu.cn/en/faculties/huijuanfeng.html
College of Engineering	Department of Mechanical and Energy Engineerig	Liang Guo	Intelligent Manufacturing and Robotics	Laser Processing, Heat Transfer, Laser Spectroscopy	https://faculty.sustech.edu.cn/guol3/en/
College of Engineering	Department of Computer Science and Engineering	Shiqi Yu	Computer Science and Technology	Gait recognition, computer vision	https://faculty.sustech.edu.cn/yusq/en/
College of Engineering	Department of Computer Science and Engineering	Feng Zheng	Computer Science and Technology	Embodied artificial intelligence	https://faculty.sustech.edu.cn/fengzheng/
College of Engineering	Department of Computer Science and Engineering	Yang Xu	Computer Science and Technology	Natural language processing	https://www.sustech.edu.cn/en/faculties/yangxu.html
College of Engineering	Department of Computer Science and Engineering	Jin Zhang	Computer Science and Technology	Intelligent Sensing, Mobile Healthcare, Blockchain	https://jinzhang-sustech.github.io/
College of Engineering	Department of Computer Science and Engineering	Georgios Theodoropoulos	Computer Science and Technology	parallel and distributed computing systems, digital twins, distributed simulation, edge computing, and multi-agent systems	https://www.gtheodoropoulos.com/
College of Engineering	Department of Computer Science and Engineering	Fengwei Zhang	Computer Science and Technology	Computer security	https://fengweiz.github.io
College of Engineering	Department of Computer Science and Engineering	Pietro Oliveto	Computer Science and Technology	Theory of artificial intelligence,Theory of evolutionary computation, Analysis of randomized search heuristics	http://peteroliveto.github.io
College of Engineering	Department of Biomedical Engineering	Xingyu Jiang	Biomedical Engineering	Microfluidic chips	http://xingyujiang.com
College of Engineering	Department of Biomedical Engineering	Decheng Wu	Biomedical Engineering	Biomedical materials	https://faculty.sustech.edu.cn/wudc/en/
College of Engineering	Department of Biomedical Engineering	Changfeng Wu	Biomedical Engineering	Biomedical photonics	http://wulab.bme.sustech.edu.cn/
College of Engineering	Department of Biomedical Engineering	Lei Xi	Biomedical Engineering	Medical imaging	www.mfoil.org
College of Engineering	Department of Biomedical Engineering	Bin Tang	Biomedical Engineering	Biomechanics	https://faculty.sustech.edu.cn/tangb/en/
College of Engineering	Department of Biomedical Engineering	Fangyi Chen	Biomedical Engineering	Auditory neuroscience / Auditory balance function testing / Animal behavior and biomedical optics	https://faculty.sustech.edu.cn//chenfy/en
College of Engineering	Department of Biomedical Engineering	Kai Li	Biomedical Engineering	Optical probes and their biomedical applications	https://faculty.sustech.edu.cn/lik/en/
College of Engineering	Department of Biomedical Engineering	Qiongyu Guo	Biomedical Engineering	In situ regenerative engineering and interventional biomedicine	https://faculty.sustech.edu.cn/guoqy/en
College of Engineering	Department of Biomedical Engineering	Mingming Zhang	Biomedical Engineering	Rehabilitation robots and brain-computer interfaces	https://zhangmmlab.com

Colleges	Schools/ Departments 所在系	Name of Supervisor 导师姓名	Major 招生专业	Research Area(s) 研究方向	Supervisor's Webpage 个人主页
College of Engineering	Department of Biomedical Engineering	Yiming Li	Biomedical Engineering	Advanced microscopy	https://li-lab-sustech.github.io/
College of Engineering	Department of Biomedical Engineering	Bo Zhang	Biomedical Engineering	Advanced medical testing materials and methods / nanomaterials / Nanomedicine	http://www.bozhanggroup.com/en/
College of Engineering	Department of Biomedical Engineering	Wenjin Wang	Biomedical Engineering	Biomedical Signaling/Intelligent Health Sensing	https://www.sustech.edu.cn/en/faculties/wangwenjin
College of Engineering	Department of Biomedical Engineering	Zhi Luo	Biomedical Engineering	Drug delivery	https://faculty.sustech.edu.cn/luoz/en/
College of Engineering	Department of Biomedical Engineering	Kai Xiao	Biomedical Engineering	Biomimetic materials / neuromorphic devices	http://www.xiaokai-group.cn/en/
College of Engineering	Department of Biomedical Engineering	Lu Zhang	Biomedical Engineering	Nanomedicine	https://www.zhanglu-nbm.com/
College of Engineering	Department of Biomedical Engineering	Zhe Li	Biomedical Engineering	Programmable biomolecule design	https://faculty.sustech.edu.cn/liz8/en/
College of Engineering	Department of Biomedical Engineering	Chao Liu	Biomedical Engineering	Skeletal mechanobiology and Tissue engineering	https://abtrl.bme.sustech.edu.cn/
College of Engineering	Department of Biomedical Engineering	Quanying Liu	Biomedical Engineering	AI for neuroscience, brain-computer interfaces, Neuromodulation	https://faculty.sustech.edu.cn/liuqy/en/
College of Engineering	Department of Biomedical Engineering	Jianbo Tang	Biomedical Engineering	Biomedical imaging and ultrasound therapy	https://faculty.sustech.edu.cn/tangjb/en/
College of Engineering	Department of Biomedical Engineering	Mingxi Yao	Biomedical Engineering	Mechanobiology	https://faculty.sustech.edu.cn/yaomx/en
College of Science	Department of Earth and Space Sciences	Dikun Yang	Geophysics	Applied geophysics for energy, environmental and engineering problems; Geo-electric and electromagnetic field simulation and subsurface imaging; Geophysical monitoring for sustainable development	https://ess.sustech.edu.cn/Case-detail-id-29.html
School of Medicine	School of Medicine	Peng George Wang	Biology	Drug discovery, GlycoScience, Nucleic Acid Drugs	https://www.sustech.edu.cn/en/faculties/wangpeng-jiangxijiaoshou.html
School of Medicine	School of Medicine	Zilong Wang	Biology	Neuroscience	https://faculty.sustech.edu.cn/wangzl6/en/
School of Medicine	School of Medicine	Bo Wang	Biology	Neuroscience, Neural circuit, Animal behaviors	https://www.sustech.edu.cn/en/faculties/bowang.html
School of Medicine	School of Medicine	Zhirong ZHANG	Biology	Innate immunity and host defense	https://www.sustech.edu.cn/en/faculties/zhirongzhang.html
School of Medicine	School of Medicine	Shimin Shuai	Biology	Bioinformatics, Genomics and Computational Biology	https://www.sustech.edu.cn/en/faculties/shiminshuai.html
School of Medicine	School of Medicine	Ying Xu	Biology	Cancer Systems Biology	https://www.sustech.edu.cn/zh/faculties/yingxu.html
School of Medicine	School of Medicine	Yuliang Feng	Biology	Dissecting transcription regulation in human disease using state-of-the-art 3D genomics, epigenomics, and computational approaches.	https://www.sustech.edu.cn/en/faculties/yuliangfeng.html
School of Medicine	School of Medicine	Shan Li	Biology	pathogen-host interaction, Innate immunity and host defense	https://www.sustech.edu.cn/zh/faculties/shanli.html
School of Medicine	School of Medicine	Bian Jinsong	Biology	Pulmonary Hypertension, Biological Function of Na+/K+ ATPase	https://twww.sustech.edu.cn/zh/faculties/bianjinsong.html
School of Medicine	School of Medicine	Wanqiu Li	Biology	Epigentics，Structural biology	https://twww.sustech.edu.cn/zh/faculties/liwanqiu.html
School of Medicine	Institute of Advanced Biotechnology	Jiankang ZHU	Biology	1) Developing innovative gene editing technologies 2) CRISPR-based cell and gene therapies 3) Epigenetic gene regulation, cancer treatment and anti-aging	https://iab.sustech.edu.cn/Research-details-pid-6-typeid-2.html
School of Medicine	Institute of Advanced Biotechnology	Pengcheng WANG	Biology	(1) Development and application of proteomics methods (2) Perception and signal transduction of osmotic stress (3) Genetic strategies for improving crop yield and adaptability to adversity	https://iab.sustech.edu.cn/Research-details-pid-41-typeid-2.html
School of Medicine	Institute of Advanced Biotechnology	Zhaobo LANG	Biology	(1) Optimization of new gene editing tools (2) Molecular Mechanism Study and Aging Intervention Techniques of Plant DNA Methylation "Life Clock"	https://iab.sustech.edu.cn/Research-details-pid-35-typeid-2.html
School of Medicine	Institute of Advanced Biotechnology	Pengpeng Liu	Biology	(1) AI-based Protein designing and engineering, including Cell-free based iterated direct evolution and high thorough-put screening in vitro (2) Development of novel and effective in vivo delivery methods for gene and cell therapy (3) Development more sensitive in vitro and in vivo Off-targeting detection methods for clinical gene therapy	https://iab.sustech.edu.cn/Research-details-pid-53.html
College of Engineering	School of Microelectronics	Jing Wang	Integrated Circuits Science and Engineering	Silicon Photonics On-chip LiDAR High-speed modulator and photodetector	https://sme.sustech.edu.cn/en/index/teacher/neiye/id/97.html
College of Engineering	School of Microelectronics	Yao Lu	Materials Science and Engineering	(1) New energy conversion technology (2) Self-powered intelligent wearable electronics (3) Thermoelectric cooling technology for chip thermal management.	https://www.sustech.edu.cn/en/faculties/luyao.html
College of Engineering	School of Microelectronics	Xiaoguang Liu	Integrated Circuits Science and Engineering	High-frequency (RF to THz) integrated circuits and systems Radar systems engineering Image sensor circuits and sytems (visible, infrared, and X-ray)	https://www.sustech.edu.cn/en/faculties/liuxiaoguang.html
College of Engineering	School of Microelectronics	Peng Chen	Integrated Circuits Science and Engineering	2D electronics	https://faculty.sustech.edu.cn/chenp6/en/
College of Engineering	School of Microelectronics	Longyang LIN	Integrated Circuits Science and Engineering	IC design	https://faculty.sustech.edu.cn/?tagid=linly&iscss=1&snapid=1&orderby=date&go=2

Colleges	Schools/ Departments 所在系	Name of Supervisor 导师姓名	Major 招生专业	Research Area(s) 研究方向	Supervisor's Webpage 个人主页
College of Engineering	School of Microelectronics	Min Wang	Integrated Circuits Science and Engineering	Integrated MEMS sensors	https://www.sustech.edu.cn/en/faculties/wangmin.html
College of Engineering	School of Microelectronics	Quan Chen	Integrated Circuits Science and Engineering	EDA(Electronic Design Automation)	https://sme.sustech.edu.cn/en/index/teacher/neiye/id/40.html
College of Engineering	School of System Design and Intelligent Manufacturing	Yi XIONG	Intelligent Manufacturing and Robotics	Intelligent Manufacturing, Engineering Optimization, Robotics,3D/4D Printing	https://faculty.sustech.edu.cn/xiongy3/
College of Engineering	School of System Design and Intelligent Manufacturing	Yuan CHEN	Mechanics	Mechanics and Manufacturing of Composite Materials	https://www.sustech.edu.cn/en/faculties/chenyuan-2.html
College of Engineering	School of System Design and Intelligent Manufacturing	Zhenkun WANG	Computer Science and Technology	Neural combinatorial optimization, Deep learning and large language model aided algorithm design automation, multiobjective optimization, Smart Logistics and Supply Chain Management;	https://faculty.sustech.edu.cn/wangzk3/en/
College of Engineering	School of System Design and Intelligent Manufacturing	Hongfei LI	Materials Science and Engineering	Batteries, supercapacitors, electrode materials and electrolytes	https://faculty.sustech.edu.cn/hongw/en/
College of Engineering	School of System Design and Intelligent Manufacturing	Ziqian BAI	Intelligent Manufacturing and Robotics	Wearable Technology	https://faculty.sustech.edu.cn/baizq/
College of Engineering	School of System Design and Intelligent Manufacturing	Zhiyun LIN	Control Science and Engineering	Multi-agent systems;Distributed artificial intelligence;Autonomous systems and swarm robots	https://faculty.sustech.edu.cn/linzy/en/
College of Engineering	School of System Design and Intelligent Manufacturing	Kemi DING	Control Science and Engineering	Security and privacy in Cyber-physical systems/Internet-of-things, intelligent control and decision, game theory, graph signal processing and GNN.	https://kemiding.github.io/
College of Engineering	School of System Design and Intelligent Manufacturing	He KONG	Control Science and Engineering	Robotics and intelligent systems; Active perception; Robot audition; State/parameter estimation	https://mee.sustech.edu.cn/2022/node_1_3_0216/1174.html
College of Engineering	School of System Design and Intelligent Manufacturing	Ding ZHOU	Intelligent Manufacturing and Robotics	1. Design Science & Art Design for additive manufacturing; Computational/generative design; Mass customisation design; BIM prefabrication design and construction 2. Educational Innovation & Technology Educational Information Science and Technology; Design-based pedagogy; Design-led STEM/New Engineering education; Information technology and general technical education	https://www.sustech.edu.cn/en/faculties/zhouding.html
College of Engineering	School of System Design and Intelligent Manufacturing	Xiang XU	Control Science and Engineering	Multi-agent Systems; Time-delay Systems; Boundary control of PDEs	https://www.sustech.edu.cn/en/faculties/xiangxu.html
College of Engineering	School of System Design and Intelligent Manufacturing	Xiaochen ZHENG	Intelligent Manufacturing and Robotics	Digital Twin & Cognitive Digital Twin Model-based Systems Engineering (MBSE) Digital Engineering Industrial Ontology and Knowledge Graph	https://www.researchgate.net/profile/Xiaochen-Zheng
College of Engineering	School of System Design and Intelligent Manufacturing	Liangming CHEN	Control Science and Engineering	Multi-agent systems; swarm robotics; networked control; Spiking neural networks and control systems; formation control; cooperative localization	https://faculty.sustech.edu.cn/?tagid=chenlm6&iscss=1&snapid=1&orderby=date&go=1&lang=en
College of Engineering	School of System Design and Intelligent Manufacturing	Liangming CHEN	Intelligent Manufacturing and Robotics	Multi-agent systems; swarm robotics; networked control; Spiking neural networks and control systems; formation control; cooperative localization	https://faculty.sustech.edu.cn/?tagid=chenlm6&iscss=1&snapid=1&orderby=date&go=1&lang=en
College of Engineering	School of System Design and Intelligent Manufacturing	Liangming CHEN	Computer Science and Technology	Multi-agent systems; swarm robotics; networked control; Spiking neural networks and control systems; formation control; cooperative localization	https://faculty.sustech.edu.cn/?tagid=chenlm6&iscss=1&snapid=1&orderby=date&go=1&lang=en
College of Engineering	School of System Design and Intelligent Manufacturing	Lin YE	Mechanics	Advanced composites; Structural integrity; Additive manufacturing	https://www.sustech.edu.cn/en/faculties/yelin.html
College of Engineering	School of System Design and Intelligent Manufacturing	Guo-Ping LIU	Control Science and Engineering	Networked multi-agent control theory and applications; Artificial intelligent decision and control of complex systems; Information fusion and control of the Internet of energies; Industrial intelligent control technology and software via the Internet of things	https://www.sustech.edu.cn/en/faculties/guo-pingliu.html
College of Engineering	School of System Design and Intelligent Manufacturing	JIAXIN ZHANG	Intelligent Manufacturing and Robotics	Human-Computer Interaction, Human Factors, User research and user experience, Smart system design, Gerontechnology, Telehealth technology,	https://www.sustech.edu.cn/en/faculties/zhangjiaxin.html
College of Engineering	School of System Design and Intelligent Manufacturing	WANG Lili	Control Science and Engineering	1. Social Dynamics Research 2. Distributed Estimation and Computation 3. Distributed Control 4. Multi-Agent Formation Control 5. Distributed Deep Learning and its Applications	https://faculty.sustech.edu.cn/?tagid=wangll&iscss=1&snapid=1&orderby=date&go=2&lang=en
College of Engineering	School of System Design and Intelligent Manufacturing	WANG Lili	Mathematics	1. Social Dynamics Research 2. Distributed Estimation and Computation 3. Distributed Control 4. Multi-Agent Formation Control 5. Distributed Deep Learning and its Applications	https://faculty.sustech.edu.cn/?tagid=wangll&iscss=1&snapid=1&orderby=date&go=2&lang=en
College of Science	Institute for Quantum Science and Engineering	Sheng-Jun Yang	Quantum Science and Engineering	Experiment research on atom physics and precision measurement, including atom magnetometry and atom interferometry	https://faculty.sustech.edu.cn/yangsj/en/
College of Science	Institute for Quantum Science and Engineering	Xiu-Hao Deng	Quantum Science and Engineering	Quantum Error Correction	https://www.notion.so/qudynamics
College of Science	Institute of Quantum Science and Engineering	Ke Deng	Physics	Angle-resolved photoemission spectroscopy, low-dimensional materials	https://faculty.sustech.edu.cn/?tagid=dengk&iscss=1&snapid=1&orderby=date&go=2&lang=en

Colleges	Schools/ Departments 所在系	Name of Supervisor 导师姓名	Major 招生专业	Research Area(s) 研究方向	Supervisor's Webpage 个人主页
College of Semiconductors	College of Semiconductors	Zhihua Chen	Mechanics	IC Plasma Etching Simulation; Optimization Design of Plasma Etching Chamber	https://www.researchgate.net/profile/Zhihua-Chen-15/research
School of Design	School of Design	Liang Hao	Intelligent Manufacturing and Robotics	Additive Manufacturing, Intelligent Design, Functional Material	https://designschool.sustech.edu.cn/about/our-team
School of Design	School of Design	Liu Wei	Intelligent Manufacturing and Robotics	1. Human-Computer Interaction; 2. Empathy -Driven Interaction Design; 3. Engineering Psychology; 4. Industrial Design	https://designschool.sustech.edu.cn/about/team/faculty/729.html