A GLOBAL INSTITUTE FOR KNOWLEDGE CREATION AND INNOVATION
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Director’s Message

The establishment of the National University of Singapore (Suzhou) Research Institute (NUSR) is a comprehensive international research institution that promotes cooperation between China and Singapore in technology and education. At NUSR, we strive to establish a multidisciplinary platform that leverages the strong research capabilities of National University of Singapore (NUS) to enhance the scientific, economic and industrial fronts of Jiangsu and China.

As part of its vision to be a leading global university centred in Asia, NUS hopes to engage China closely and directly through NUSR. This institute is also envisioned to serve as a platform for NUS to influence and contribute academically to China and the rest of the world through in-depth cooperation with various partners from China in the areas of technology, education and culture.

NUSR takes pride in being a people-oriented institution. We cultivate and unleash the potential of people through education; we are committed to be of service to people through technology; and we aspire to create wealth through innovation and entrepreneurship. On behalf of our dedicated team, I would like to extend my highest gratitude for your continuing support. We look forward to a successful partnership between us as we forge ahead in continuously developing NUSR to be diverse, unique and innovative.

Professor Yu Sic Gen
NUSR Director
The Establishment of NUSRI

2010年11月15日，新加坡国立大学北京校友会和新加坡国立大学香港校友会与新加坡国立大学新加坡国际研究机构（NUSRI）正式签署合作备忘录，标志着新加坡国立大学正式进入中国的市场。签约现场，双方表示将加强在科研、教育、文化等领域的合作，共同推动中泰地区经济社会发展。

National University of Singapore (NUS) was established in 1909, with an official agreement signed ceremony between National University of Singapore (NUS) and Sichuan Industrial Park Administrative Committee (SIPAC). It was witnessed by Singapore’s Prime Minister Mr. Lee Hsien Loong and Mr. Xi Jinping, then Vice President of China.
NUSRI Profile

NUSRI is the very first research institute in China which is independently operated and managed by a foreign top university. It also reinforces the cooperation in science and education between China and Singapore. The development of NUSRI is timely in promoting more international research activities within Suzhou Industrial Park (SIP). NUSRI is registered as a legal independent non-profit organization with legal identity under Suzhou Industrial Park Administrative Committee (SIPAC) and operated and managed by NUS.

NUSRI is a leading global university with a hundred years of history. For many years, NUS has been consistently ranked at the top in the Times Higher Education’s list of the world’s top universities. In 2018, it was ranked 26th globally, and 1st in Asia.

NUSRI is the first overseas research institute of NUS. Relying on the diverse insights, world-class scientific research resources and innovation ability of the university, NUSRI focuses on dedicated research, training and technology commercialization service to contribute to social transformation and upgrading as well as sustainable development, not only in SIP and Suzhou city but also Jiangsu province and eventually to the whole of China.
科研
Research

浙江大学致力于探索和开发前沿的科研成果，从而提升中国的科研水平，促进经济的持续发展。我们专注于进行科学研究，开发前沿技术，为社会提供创新的科学解决方案，以推动科技进步和经济的全面发展。

Leveraging on the world-class excellence of ZJU, our research initiatives extend the research capabilities of the university beyond Singapore, and thus contribute to the rapid development of China. Key areas have been identified and high-impact research works will be performed in accordance with the needs of both Singapore and China. The outcomes will benefit Singapore in terms of technological capability and economic development. They also serve to promote China’s knowledge innovation and economic growth.
### 自然科学研究领域
**Natural Sciences**
- 先进电子器件
- 生物医学工程
- 纳米科学与技术
- 光电子与信息工程
- 反映物理的材料科学
- 科学与技术

- Advanced electronic devices
- Biomedical science and engineering
- Energy and environment technology
- Agricultural and food science and technology
- Interactive multimedia and software development
- Nanomaterials and applications

### 社会科学研究领域
**Social Sciences**
- 中国研究与中心
- 国际教育与政策研究
- 高校管理与治理
- 旅游业

### 科研基金
**Research Grants**

| 国家级 | 国家自然科学基金 | 国家社会科学基金 | 教育部“985”创新平台
|--------|------------------|------------------|------------------|
| 省级   | 江苏省自然科学基金项目 | 江苏省社会科学基金
| 市级   | 苏州市自然科学基金
|        | 高等教育科学基金

### 国家级
- **Natural Science Foundation of China (NSFC)**
- 2013 Collaborative Innovation Programme from Ministry of Education (MOE)

### 省级
- Jiangsu Province Integrated Innovation Platform for Enterprise, Education and Research
- Jiangsu Province Science and Technology Programmes

### 市级
- Development of State-owned Research Institute in Suzhou
- Suzhou Science and Technology Programmes

### 国家自然基金
- **Natural Science Foundation of China (NSFC)**
- 2013 Collaborative Innovation Programme from Ministry of Education (MOE)

### 省级
- Jiangsu Province Integrated Innovation Platform for Enterprise, Education and Research
- Jiangsu Province Science and Technology Programmes

### 市级
- Development of State-owned Research Institute in Suzhou
- Suzhou Science and Technology Programmes
科研合作
Research Collaborations

- 与上海交通大学、苏州工业园区管委会签署三方战略合作框架协议
- 与杭州师范大学开展技术联合研发及公共平台
- 与上海交通大学智能材料与系统实验室开展合作
- 与松下电器有限公司建立战略合作伙伴关系
- 与上海电气集团有限公司共同开发重型电器伺服系统
- 与 Php 安全技术公司联合进行软件安全技术及服务
- 与华中科技大学联合开展智能制造系统研究
- 与康师傅联合开发智能包装技术
- 与汇丰银行展开金融合作
- 与阿里巴巴开展电子商务

- Collaboration with Shanghai Jiao Tong University (SJTU) and SPAC in the areas of advanced materials, nanotechnology and new energy
- Collaboration with Xian Jiaotong University (XJTU) to build Joint Laboratory and Public Service Platform for Nanotechnology
- Collaboration with Robotics and Micro-systems Centre of Southeast University to build Joint Laboratory for Intelligent Manufacturing and System
- Collaboration with CSGC Corporation on developing food safety technology
- Collaboration with Wilmar International Ltd. to jointly develop nanotechnology for the detection of toxins in edible oil
- Collaboration with China Biologic Products Inc. for vaccine research and talent development
- Collaboration with Jiangsu Changjiang Construction Technology Co., Ltd. for the application of graphene-based technology in the field of energy saving, environmental protection, and smart materials
- Collaboration with IC Cloud Filter Co., Ltd. to jointly develop the technology of air purification and water filtration
The International Education Centre of NUS fee aims to become a platform for professionals and academics from Singapore, China and around the world to share their knowledge and experiences. Drawing on the teaching and research experience of NUS and its affiliated organisations, the International Education Centre not only organises lectures, forums and executive training programmes for both professionals and scholars, but also immersion programmes for Chinese students to NUS, and programmes offering Singaporean students, as well as students from around the world, an insight into Chinese culture and China’s economic development.
Projects Conducted

- "3+1+1" Joint Programme

    For the joint degree in biotechnology, students will spend their first three years at NUS and their final year at a US university. The programme is designed to provide a comprehensive education in biotechnology and prepare students for careers in this field.

- "1+2+1" Joint Educational Framework

    This framework provides students with an opportunity to study at NUS for one year, followed by two years at an international partner university, and conclude with one year at NUS. This allows students to gain a broad education and cultural experience.

- NUS Summer Internship Programme

    A one-month summer internship programme at NUS for Chinese undergraduate and postgraduate students. The programme aims to enhance students' international exposure and develop their skills.

- NUSRI-affiliated Ph.D Programme and Full Scholarship

    The NUSRI-affiliated Ph.D programme is jointly launched by NUS and NUSRI. It aims to attract and nurture quality Ph.D students for impactful and applied research, thus promoting academic-industry collaboration and technology innovation, and building a research talent pool for sustainable R&D development.
Executive Education
Leveraging on the teaching excellence of NUS, NUSIE offers short-term customized training courses for government entities and private corporations.

China Immersion Programmes for Overseas University Students
As a platform for cross-cultural interaction and communication, NUSIE offers China Immersion Programmes to provide students of diverse backgrounds from around the world to learn about China.
产业化
Enterprise

央院产业化办公室在世界一流的科研资源、创新能力
和产学研协同进行科研创新和创业服务。已建立立
企业孵化器、技术转移中心、企业研发服务平台、创
业中心，重点培育国家新一代人工智能创新中心，建
设国际技术转移和国际合作平台。培养一批全球精英的创
新创业领军人才，推动省产业转型升级和对外开放

借力国家在National University of Singapore's
国际领导力，在研究、教育和
企业家精神。NUSRI Enterprise work in
collaboration with China technology companies and
China government to access and adopt Singapore and
international technologies. The aim is to be the
launched for Singapore and international technology
companies venturing into the China market.
新加坡-中国（苏州）
创新中心
Singapore-China (Suzhou) Innovation Centre

2014年10月27日，在中国国家主席习近平、新加坡总理李显龙和新加坡贸工部兼国家安全统筹部长兼国防部长黄永宏见证下，崔国新和黄永宏签署了《新加坡-中国（苏州）创新中心谅解备忘录》，标志着新加坡-中国（苏州）创新中心正式启动。

On 27 October 2014, Mr. Gao Junlin, Vice Minister of Ministry of Science and Technology of China and Mr. Lee H Siyeon, Senior Minister of State for Trade and Industry and National Development of Singapore inaugurated the Singapore-China (Suzhou) Innovation Centre (SCIC). It was witnessed by Chinese Vice-Premier Zhang Gaoli and Singapore’s Deputy Prime Minister Teo Chee Hean.

SCIC aims to promote research and entrepreneurship collaborations between Singapore and China. To achieve this aim, SCIC provides a platform and an ecosystem for companies in S$P to access and adopt new technologies, accelerating their process of transformation and upgrading. The platform will provide access to technologies from NUS, Singapore and from around the world through the NUS network thus providing market access and potential technology licensing opportunities to good quality technologies developed outside China for the China market.
NUSRI Enterprise Space

The incubator is a launching pad for technology companies into China market and provides soft landing support for technology companies seeking to establish themselves in China. The platform welcomes technology companies from Singapore and other countries seeking to tap on local China government and industry support for technology companies. The incubator provides quality shared office space, incubation services for technology companies, advisory on equity investments, advisory on GDP government grants, and various resources for companies seeking to establish themselves in the China market. The incubator also organizes business plan challenges to link promising projects to potential China and international investors and partners.

NUSRI International Technology Commercialization Centre

This platform aims to promote technology commercialization and transfer of Singapore and international technologies into China. The platform organizes an annual Technology Day event (Innovate Suzhou) to showcase and promote technology and products from Singapore and overseas technological startups and companies. This event provides a platform where collaborations and partnerships can be established. NUSRI will provide Intellectual Property and partnership advisors to facilitate the commercialization of these technologies.

NUSRI Intellectual Property Academy

This platform provides a practitioner based training in IP and Technology management based on NUS, Singapore and North America University TTO management experience (through AUTM). It will help to transform China’s academic, industry and government understanding and practices on technology management value chain that starts from technology creation to its commercialization. The training uses NUS as the core model.