

上海第二工业大学
Shanghai Polytechnic University

Shanghai Polytechnic University

Professional / Responsible / International



Founded in 1960



Shanghai, China





C O N T E N T



上海第二工业大学
Shanghai Polytechnic University

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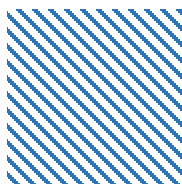
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INTERNATIONALIZATION





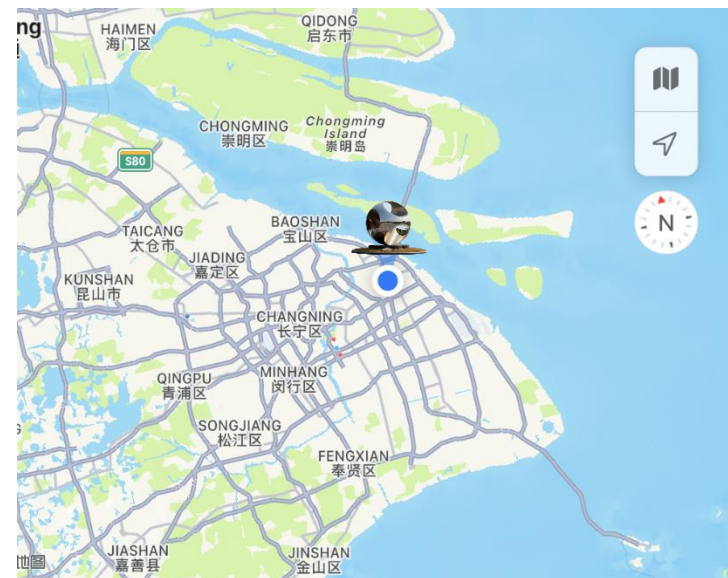
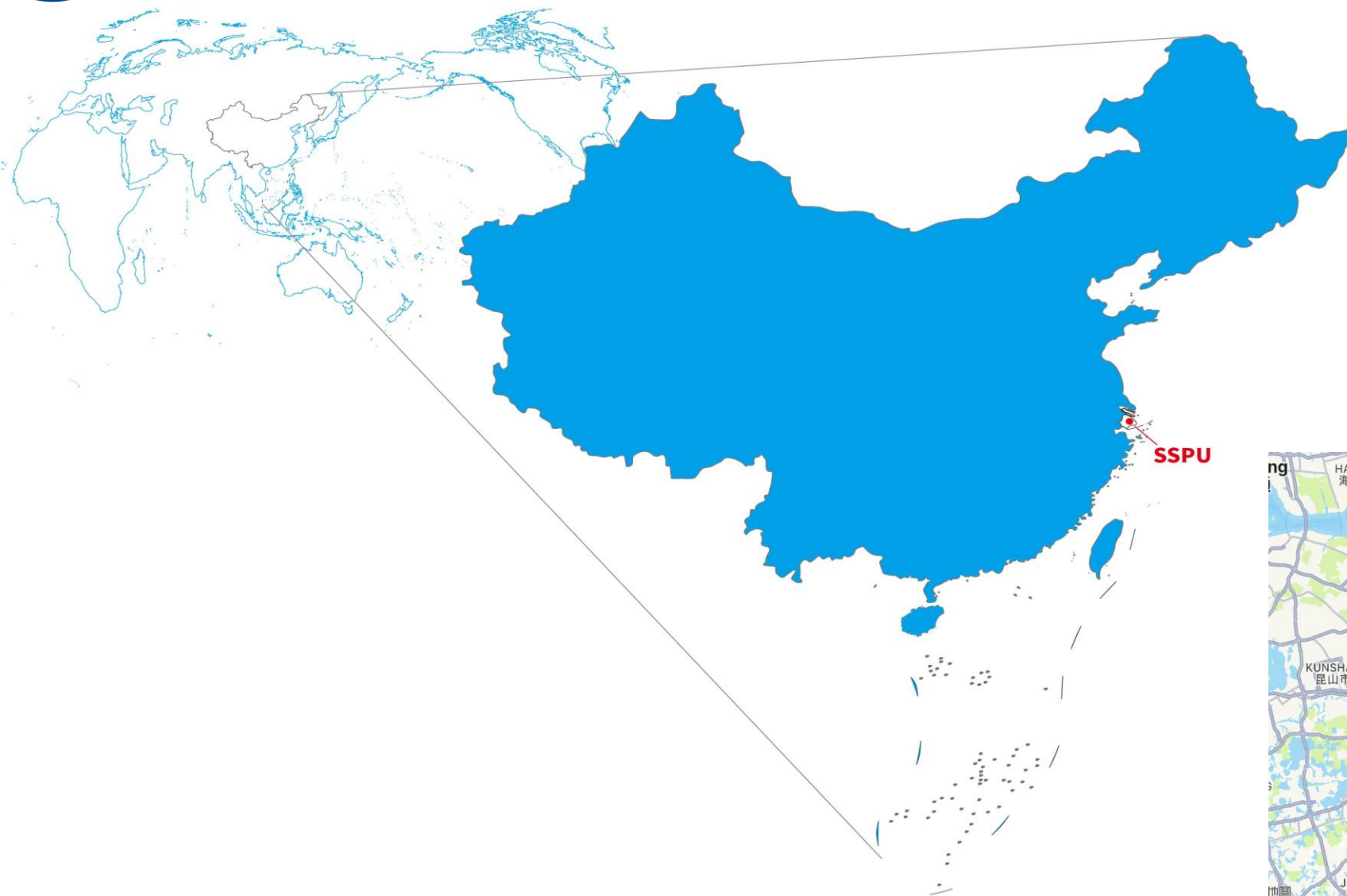
上海第二工业大学
Shanghai Polytechnic University



Pudong New Area, Shanghai, China

International Metropolis / World Financial Center
China Industrial Center / Contemporary Lifestyle







SHANGHAI

As the **biggest and most populous** city in China, Shanghai is known for its **skyscrapers and contemporary lifestyle** in heart of a **booming economy**. It is one of the **world's largest seaports** and a **major industrial and commercial center** of China.

- International Economic Center
- Financial Center
- Trade Center
- Shipping Center
- Science and Technology Innovation Center

A circular inset image showing a group of Disney characters in costumes standing in a row. From left to right: Goofy, Donald Duck, Mickey Mouse, Minnie Mouse, Pluto, and two Chipmunks. They are in front of a large, ornate building, likely a Disney resort.

LIFE
STYLE

A circular inset image showing a person in a vibrant, multi-layered costume, possibly a dancer or performer, in a dynamic pose. The background is dark, making the colorful costume stand out.

A
R
T

A circular inset image showing a tennis player in a white shirt and dark shorts, captured in a celebratory pose on a tennis court. The court has 'SHANGHAI 上海' written on it.

SPORT



**LIFE @
SSPU**

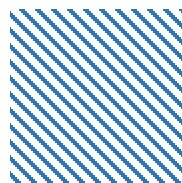




PART II

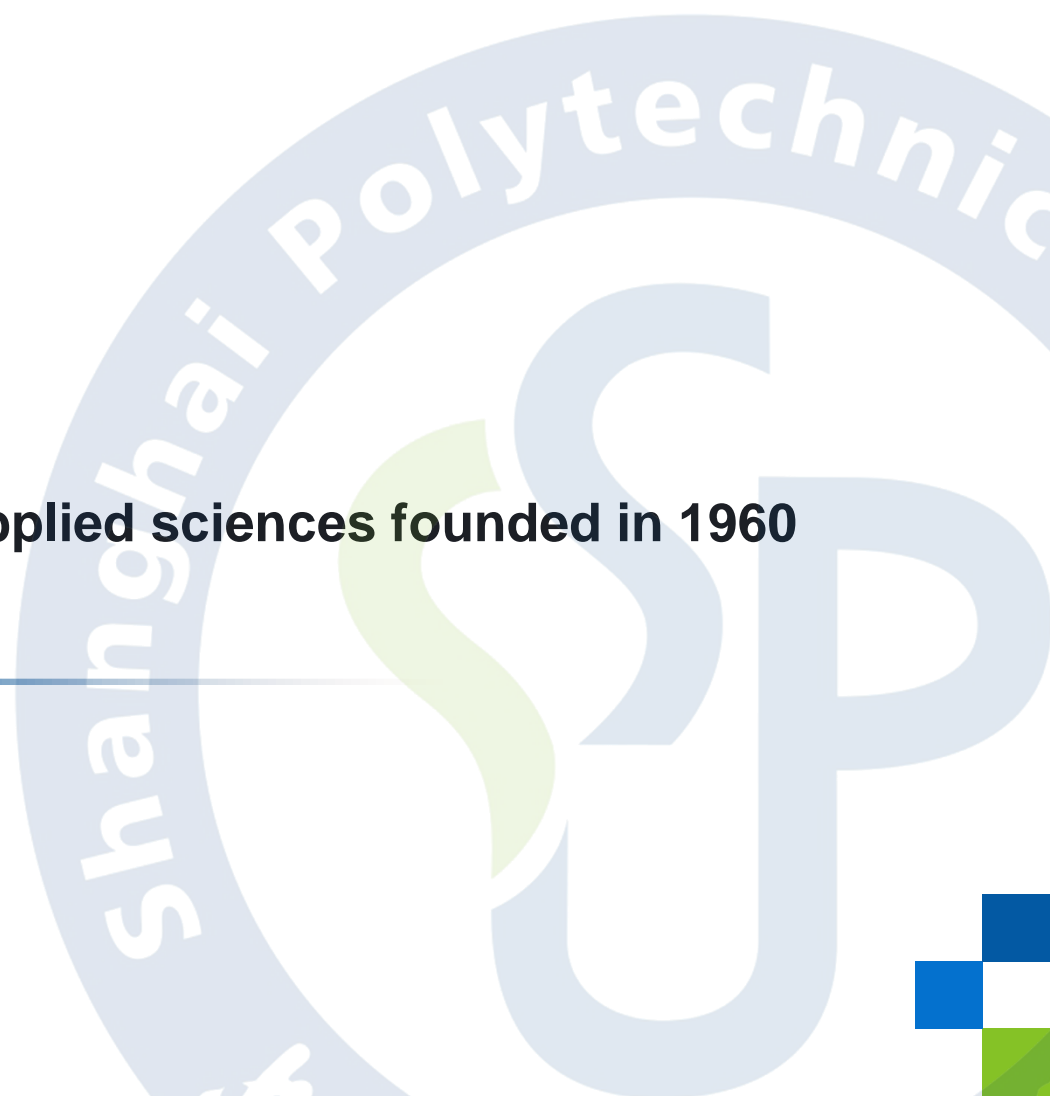


上海第二工业大学
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SSPU History

A public university of applied sciences founded in 1960





SSPU HISTORY

1960

Founding of SSPU
“Shanghai Part-time
Polytechnic University”

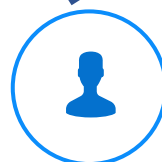
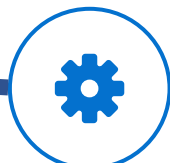


1984

Shanghai
Polytechnic
University

2000

Higher
Vocational
Education



2003

Undergraduate
Education

2010

International Student
Enrolment



2011

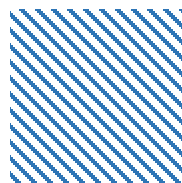
Postgraduate
Education



PART III



上海第二工业大学
Shanghai Polytechnic University



FACTS & FIGURES

SSPU in numbers





FACTS & FIGURES

Alumni

200,000+

Full-time Students

14,000+

International Degree Students

170

Faculty & Staff

1,120+

Global Partners

160+

National Scientific Projects

100+

English-taught Programs

6

Student Awards

700+

Higher Vocational, Bachelor & Master's Programs

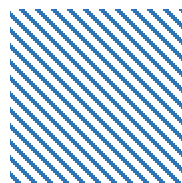
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PART IV



上海第二工业大学
Shanghai Polytechnic University



Schools & Programs

17 College and Schools

8 Master's Programs

47 Bachelor's Programs / 18 Higher Vocational Programs





School of Intelligent Manufacturing and Control Engineering

Master	Mechanical Engineering	Mechanical Manufacture and Automation (Precision Geometry Inspection and Digital Manufacturing)
		Mechanical Design and Theory (Design of Key Components of Intelligent Equipment)
		Mechatronics Engineering (Manufacturing System Fault Monitoring and Diagnosis)
		Industrial Big Data and Network Collaborative Manufacturing
Bachelor	Mechanical Engineering	
	Intelligent Manufacturing Engineering	
	Materials Processing and Controlling Engineering	
	Vehicle Engineering	
	Automation	
	Mechatronics Engineering	
	Measurement Control Technology and Instruments	
	Industrial Engineering	
Higher Vocational Education	Information Management and Information Systems	
	Electrical Automation Technology	
	Electromechanical Integration Technology	
	Mold Design and Manufacturing	
	CNC Technology	
Machinery Manufacturing and Automation		





School of Computer and Information Engineering

Master

Electronic Information

Electronics and Measurement Control Technologies

Computer and Artificial Intelligence

Big Data Technologies and Intelligent Information Services

Bachelor

Communication Engineering

Electronic Information Engineering

Opto-Electronics Information Science and Engineering

Computer Science and Technology

Network Engineering

Data Science and Big Data Technology

Software Engineering

Digital Media Technology

Intelligent Science and Technology





School of Resources and Environmental Engineering

Master	Resources and Environment	Treatment Theory and Technology
		Environment Pollution Prevention Technology
		Environment Protection Equipment Development
Bachelor	Environmental Engineering	
	Environmental Protection Equipment Engineering	
	Applied Chemistry	





School of Energy and Materials

Master		Thermal Functional Materials and Thermal Control Technology
	Materials and Chemical Engineering	Advanced Energy Materials and Energy Saving Technology
		New Chemical Materials and Processing Technology
Bachelor	Materials Chemistry	
	Composites Manufacturing Engineering	
	New Energy Science and Engineering	

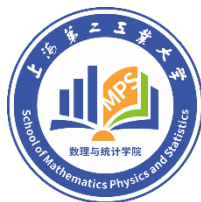




School of Foreign Languages and Cultural Communication

Master	Translation and Interpreting	EST Translation
	English	
Bachelor	Japanese	
	Public Relations	





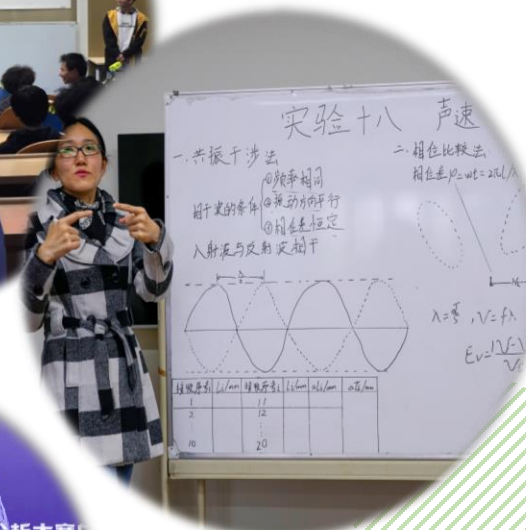
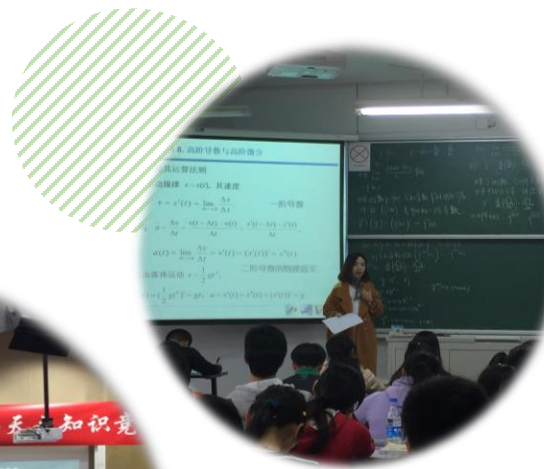
School of Mathematics, Physics and Statistics

Bachelor

Information and Computer Science

Applied Statistics

Economics Statistics





School of Economics and Management

Master

- International Business
 - International Supply Chain and Recycling Industry Management
 - Cross-border Investment and Financing and Supply Chain Finance
 - International Trade and Internet Economy

Bachelor

- Financial Management
- International Business
- Logistics Management
- Hospitality Management
- Exhibition Economy and Management
- Electronic Business
- Investment
- Credit Management
- Taxation
- Standardization Engineering





应用艺术设计学院
SCHOOL OF APPLIED ARTS & DESIGN

School of Applied Arts and Design

Master	Arts	Systematic Study and Design of Product
		Omnimedia Visual Communication Design
		Materials Art and Space Application Design
Bachelor	Visual Communication Design	
	Environment Design	
	Product Design	
	Digital Media Art	
	Industrial Design	





School of International Exchange

Bachelor

Teaching Chinese to Speakers of Other Language





College of International Vocational Education

Higher Vocational Education

Department of Electronics and Information Technology	Computer Applications Technology
	Web Development
	Modern Communications Technology
Department of Economics and Management	Information Management of Construction Economy
	International Business
	Business Administration
	Supply Chain Management Operations
	Hospitality Management and Digitalization Management
Department of Modern Services	Event Planning and Management
	Optometry Technology
	Image Design
	Applied English
	Applied Korean
	Electronic Competitive Sports and Management
Sports Operation and Management	





Vocational & Technical Teacher Education School

Master

Education

Vocational and Technical Education
(Equipment Manufacturing)

Vocational and Technical Education
(Electronics and Information Technology)

Vocational and Technical Education (Finance
and Trade)

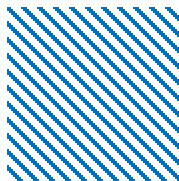




PART V



上海第二工业大学
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Campus & Facility

Nearly 800mu (or 53 hectares) / 550m RMB worth of equipment



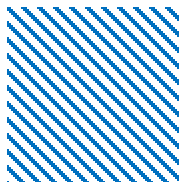


Campus & Facility





PART VI



上海第二工业大学
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Research & Practice

- Provincial and ministerial scientific research platforms
- Laboratories
- Practice Bases





Smart Manufacturing Factory Lab

Smart Manufacturing Factory Laboratory (SMFL) is a comprehensive and multifunctional smart manufacturing practice base built by SSPU meeting the talent demand for the national manufacturing power strategy. SMFL grasps the opportunity of deep integration of automation and informationization and complements the traditional experimental teaching and off-campus enterprise practice during the process of education. In recent years, developing from digitalization and networking to intelligence and mobility, SMFL has formed the production technologies featuring “dynamic perception, real-time analysis, autonomous decision-making, high integration and precise execution” and an intelligent manufacturing talent training mode of “integration of industry and education, integration of science and education, multi-effect and multi-function”.

Smart Manufacturing Factory Laboratory provides a good foundation for the development of engineering practice ability and innovation and entrepreneurship ability of intelligent manufacturing talents. At present, a series of project-based practical curriculum systems have been built and developed, and a collaborative education mechanism with post competence as the core has been constructed. The characteristic of covering undergraduate teaching and postgraduate scientific research is formed. Through some innovation measures, including the innovations of teaching organization mechanism, education mode of industry-education integration, and university-enterprise cooperation guarantee mechanism, the deep integration of industry and education resources is promoted to build an engineering education platform based on industrial demands.





Engineering Training and Innovation Education Center

ETIEC was founded in 2002. It was selected as a **Shanghai Municipal Demonstrative Center for Experimental Teaching** in 2013. ETIEC undertakes the **engineering practical teaching and innovation education** at SSPU.

ETIEC mainly:

- undertakes **general education courses** and **innovative practical courses**
- organizes the university's **scientific innovation and skills competitions**
- organizes **skills training** for students to obtain skill certificates
- enhances the **innovation education** and **innovative teacher training**
- coordinates and organizes various kinds of **innovation projects and competitions** for students
- promotes the **entrepreneurship planning** and **incubation of excellent projects**
- creates a better **innovation vibe** on campus
- makes **innovation and entrepreneurship education** more practical

Main functions of ETIEC:

- the engineering practical training base
- the innovation education reform base
- the engineering innovation practice base
- the incubation platform of innovation and entrepreneurship
- the collaborative innovation platform of industry-education integration



RMB 35M of
Equipment



professional service
platform of virtual
simulation



industry-education
integration platform



Shanghai Collaborative Innovation Center for WEEE Recycling

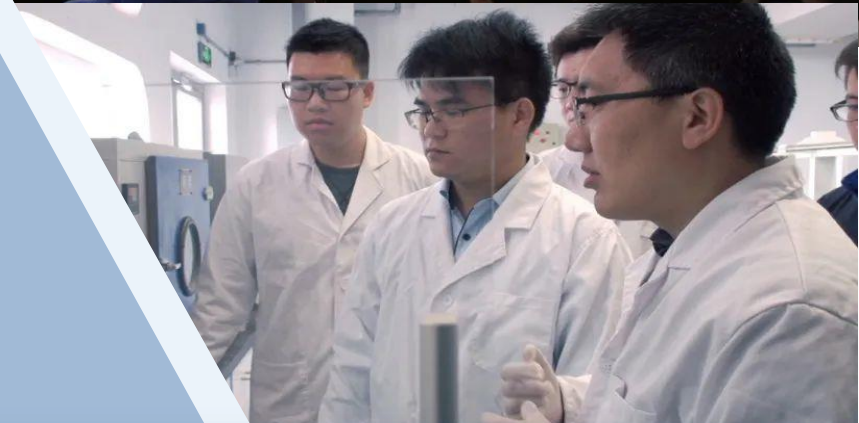
A Shanghai Collaborative Innovation Platform

- Institute of Policy and Regulations
- Life Cycle Management Institute
- Recycling Technology Institute
- Institute of Process Equipment
- Green Design & Manufacturing Research Institute



Shanghai Engineering Center for Advanced Thermal Functional Materials

An application-based, interdisciplinary and open research center that aims at the cutting-edge research of **advanced thermal functional materials** at home and abroad.



华虹集团
HUAHONG GROUP



RMB 35M of Equipment



中国航天

上海空间电源研究所

Shanghai Institute of Space Power-Sources



众材检测
ZCET



Materials
Science



Engineering
Thermophysics



Energy
Science



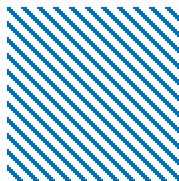
Discover more...

- Shanghai Professional Technology Service Platform of Big Data for Thermophysical Properties
- Shanghai Collaborative Innovation Center for Reverse Logistics and Supply Chain
- Shanghai Standardization Innovation Center (Logistics)
- Shanghai Vocational & Technical Teacher Education Institute
- Shanghai Model Worker Culture Research Center
- Shanghai Key Laboratory for Application and Evaluation of Engineering Materials co-built with Shanghai Research Institute of Materials (SRIM)
- SSPU Lab affiliated to Key Labs under Ministry of Industry and Information Technology (MIIT) with State Radio Monitoring Center Testing Center (SRTC)





PART VII



上海第二工业大学
Shanghai Polytechnic University

Internationalization

160+ global partners from 37 countries and regions





Internationalization

Global Partners

160+

Exchange Programs

150

Joint Projects

37

Countries & Regions

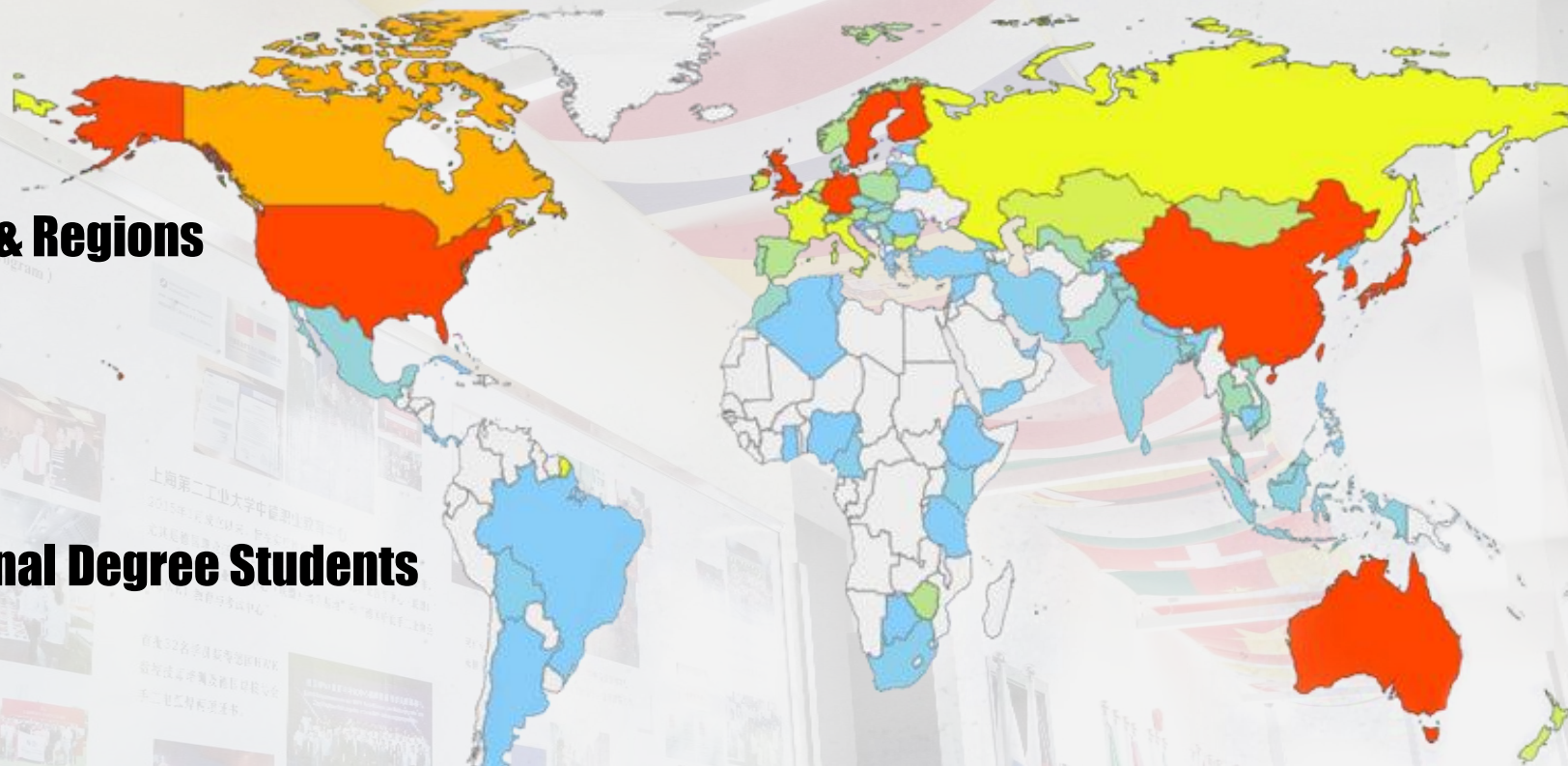
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International Degree Students

170+

Joint Labs & Research Center

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Student Exchange





Foreign Experts





Practice Base

Master's Design Workshop

Ronald van de Cappelle, the Netherland

Shanghai Postgraduate Practice Base

Techprotect GmbH, Germany

Overseas Undergraduate Practice Base

Karelia University of Applied Sciences, Finland
THANHMAIHSK, Vietnam





International Students





Joint Laboratories

2013

International
Cooperative
Research Center for
Energy Saving and
New Energy Materials

2016

Intelligent
Manufacturing
System
Integration Lab

2016

Joint Laboratory for
Graphene Composites

2017

International
Cooperative Research
Center for Thermal
Functional Materials

2009

Shanghai
Polytechnic
University &
B&R Process
Control Co-Labor

2016

Continuous
Professional
Development
unit of STAR

2016

Joint Laboratory of
Environmental and
Engineering

2017

Research Center for
Optoelectronics and
Sensing



Joint Laboratories

2017

SSPU-BC Joint
Program
Laboratory

2018

Sino-German
Joint
Laboratory on
WEEE
Recycling

2018

Virtual Simulation
Joint Laboratory

2018

Broward Center
at Shanghai
Poly

2021

Sino-Deutsch
Collaborative Joint
Laboratory of
Small WEEE and
Lithium Battery
Recycling

2021

International
Design Center

2022

Center of Teaching
Excellence of
FRACTION

2022

Virtual
Simulation
Digital Twins
Joint R&D
Center

2022

Production
and
Education
Integration
Base

.....



EU Programs

Co-funded by the
Erasmus+ Programme
of the European Union



Erasmus+ Programme

Key Action 1
– Mobility for learners and staff –
Higher Education Student and Staff Mobility



Joint Teaching/Research Projects





1. ANSO

3 year project, 3 countries participation minimum; 50 000 USD per year, each year deadline in April

2. COST projects participation

funds for seminars, congresses, workshops and exchange of young investigators/PhD students, each year in February deadline calls; participation call May

3. Horizon

Projects with universities and companies; flagship initiatives on Food, Agriculture and Biotechnology (FAB flagship) and Climate Change and Biodiversity (CCB flagship).

4. Erasmus + Program, participation.

5. China Natural Science Foundation.

- a. Foreign Experts. 1 year, 200000 yuan per year (salary).
- b. International Research Cooperation. 600000 yuan for 3 years (for research).
- c. Joint Lab Program. About 2000000 yuan per lab for 3 to 5 years。
- d. China-CEEC innovations and entrepreneurship, each year in April deadline

6. Shanghai Natural Science Foundation.

- a. Foreign Experts. 1 year, 200000 yuan per year (salary).
- b. Foreign teachers. 1 month teaching or research, about 40000 yuan (salary).
- c. International Research Cooperation. 300000 yuan for 3 years (for research).

7. Projects or consulting including the local industry-contract





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