
Tsinghua University

Department of Industrial Engineering

TSINGHUA

Human Factors
& Ergonomics

Operations Research
& Statistics

Production
& Service Management





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Mission



Gavriel Salvendy
Chair Professor
Founding Head (2001.10-2011.10)

"To become world-class leaders in industrial engineering research and education, which contributes to increased quality of life, and increased standard of living in China and around the world."



Li Zheng
Professor
Vice President of Tsinghua University
Former Department Head

"Engineers know well about technologies and use it to analyze and solve problems. If they get the knowledge in the area of sociology and economics, they will possess the basic knowledge structure for managing an enterprise or public institution. For this purpose, Tsinghua University established the Department of Industrial Engineering in 2001 to cultivate new generation elite managers of China."

The Department of Industrial Engineering encourages innovative explorations of new ideas, theories and methodologies. Meanwhile, it plays a positive role in contributing to the transformation of economy and improvement of productivity in China."

Prospective



Zuojun (Max) Shen
Honorary Professor and Department Head

"As China has become the focus of the world's attention, many researchers worldwide are studying research problems that have "China flavor" in them, especially in the field of industrial and systems engineering, due to China's fast-growing manufacturing, logistics, and other industries. The current national core strategies, including innovation-driven transformation and upgrading, China Manufacturing 2025, and the Belt and Road Initiative, all involve complex problem solving and systems optimization, where I believe our department will contribute significantly since we are in the center of all these exciting activities."

The nature of industrial engineering is to study and solve practical problems faced by various industries. By actively participating in China's key national projects, we should be able to discover new research problems, design useful solution methods, and develop innovative industrial engineering knowledge base, which will eventually lead us to become a leading industrial engineering department in the world."

Overview

Industrial Engineering has evolved as a major engineering and management discipline dealing with the development, improvement, and implementation of complex processes and systems by using the principles and methods of mathematical, physical, and social sciences. The effective utilization of industrial engineering has greatly contributed to our increased standard of living during the last century through increased productivity, quality of work and services, and improvements in working environments.

Industrial Engineering at Tsinghua University was initiated in the 1990s. The graduate program in industrial engineering was launched in 1993 and later the undergraduate program in 1997. It was in 2001 that the Department of Industrial Engineering was established. Dr. Gavriel Salvendy, Professor of Industrial Engineering at Purdue University and Member of the National Academy of Engineering (the United States), was appointed as the chaired professor and founding department head. The Department has an outstanding group of about 30 faculty members plus more than 30 administrative assistants. There are approximately 250 undergraduate students (of which 15 are international students) in the department, and an addition of 70 students in the Statistics minor classes annually. There are more than 900 graduate students (including 580 part-time students and 80 plus international students) in the department, and over 3000 alumni at home and abroad.

Based on the policy of high starting point, high academic standard, and openness, the Department has been receiving global reputation for its achievements in talents cultivation, academic research, and social service by innovating educational patterns and pursuing academic excellence.

The Department of Industrial Engineering is located at Shunde Building of Tsinghua University. It is close to the main (southeastern) gate with a great environment.

We inherit essence of industrial civilizations to facilitate efficiency and quality for enterprises.

We explore the methodologies of engineering analysis to make more scientific and efficient decision.

We implement systematic methodologies to achieve optimization, and we believe that there are always better solutions.

We improve people's interact with technologies and systems, we go after safety and comfort, and we achieve our goal through innovation.

Milestones



Faculty

Zheng, Li

Professor, PhD.
(Tsinghua University)
Vice President of Tsinghua University

Research Interests
Digital manufacturing, production system engineering, advanced manufacturing technology

Shen, Zuo-jun Max

Honorary Professor, PhD.
(Northwestern University, USA)
Department Head

Research Interests
Supply chain system optimization and operational management, emergency supply chain planning and design, transportation optimization, etc.

Wu, Su

Professor, PhD.
(Tsinghua University)

Research Interests
Manufacturing process and quality control, equipment stability and maintainability

Zhao, Xiaobo

Professor, PhD.
(Nagoya Institute of Technology, Japan)

Research Interests
Operational research and logistics management

Rau, Pei-Luen

Professor, PhD.
(Purdue University, USA)

Research Interests
Human factors, human-computer Interaction, cross-cultural design, designs for the older people, user experience, mobile computing, game study, human-robot interaction, customer experience management, service design and evaluation, etc.

Li, Zhizhong

Professor, PhD.
(Tsinghua University)

Research Interests
Interface design for complex industrial systems, human error and reliability, system safety, safety management, etc.

Zhang, Wei

Professor, PhD.
(Tsinghua University)

Research Interests
Driving safety, driving simulation test and intervention, complex human-computer interaction system simulation, simulation behavior study, virtual reality applications, etc.

Huang, Simin

Professor, PhD.
(State University of New York, USA)

Research Interests
Network planning, logistics and supply chain management, scheduling theory, risk management, security and emergency systems



Wang, Kaibo

Professor, PhD.
(Hong Kong University of Science and Technology)

Research Interests
Statistical quality control, multivariate statistical process control, data-driven modeling, monitoring, diagnosis and control of complex production processes

Li, Yanfu

Professor, PhD.
(National University of Singapore)

Research Interests
(System of Systems)
System reliability, optimization, new energy, System of Systems engineering

Cheng, Ye

Associate Professor, PhD.
(Tsinghua University)

Research Interests
Production planning and control, manufacturing process optimization and lean production

Liu, Dacheng

Associate Professor, PhD.
(Tsinghua University)

Research Interests
Quantitative enterprise diagnosis and efficiency improvement, manufacturing logistics and supply chain management, urban system engineering and industry aggregation, remote monitoring system and visual production management

Huang, Hongxuan

Associate Professor, PhD.
(Beihang University)

Research Interests
Global optimization and its applications, operations research: modeling, analysis and applications, computer simulation and simulation optimization

Yu, Ming

Associate Professor, PhD.
(National University of Ireland)

Research Interests
Process modeling and management, enterprise integration, medical service informationization, system evaluation, process optimization and standardization, project management

Cai, Linning

Associate Professor, PhD.
(Xi'an Jiaotong University)

Research Interests
Supply chain optimization, logistics information system, system simulation

Yu, Ruifeng

Associate Professor, PhD.
(Tsinghua University)

Research Interests
Management ergonomics, workplace management and improvement, visual search, customer behavior and satisfaction research, etc.

Zhang Zhihai

Associate Professor, PhD.
(Tsinghua University)

Research Interests

Resource optimization, supply chain and logistics management, production planning and scheduling

Jiang Hai

Associate Professor, PhD.
(Massachusetts Institute of Technology, USA)

Research Interests

Transportation and logistics system modeling, optimization and simulation, customer behavior, business intelligence of e-commerce

Li, Lefei

Associate Professor, PhD.
(University of Arizona, USA)

Research Interests

Intelligent transportation system, service operation, complex system modeling and simulation

Zhao, Lei

Associate Professor, PhD.
(University of Arizona, USA)

Research Interests

Stochastic optimization, supply chain (risk) management, logistics management, city logistics, health care service & operational management

Gao, Qin

Associate Professor, PhD.
(Tsinghua University)

Research Interests

Human computer interaction, human factors in complex systems, usability and accessibility of information products

Zhu, Wanshan

Associate Professor, PhD.
(University of Michigan, USA)

Research Interests

Supply chain management, game theory, financial engineering, dynamic optimization

Ma, Liang

Associate Professor, PhD.
(Ecole Centrale Nantes, France)

Research Interests

Biomechanics, virtual reality, human motion tracking and simulation, digital human modeling and simulation, etc.

Cao, Hui

Associate Professor, PhD.
(National University of Ireland)

Research Interests

Product lifecycle management, manufacturing execution system, RFID and WSN application technology, data mining, discrete event simulation

**Li, Pingke**

Associate Professor, PhD.
(North Carolina State University, USA)

Research Interests

Global optimization, system modeling and simulation, computational intelligence, complex networks

Deng, Tianhu

Associate Professor, PhD.
(University of California, Berkeley, USA)

Research Interests

Supply chain management, inventory management, customer behavior analysis and optimization

Xie, Xiaolei

Assistant Professor, PHD.
(University of Wisconsin-Madison, USA)

Research Interests

Healthcare system engineering, production system operation management, stochastic model, simulation analysis

He, Fang

Associate Professor, PhD.
(University of Florida, USA)

Research Interests

Transportation system modeling and optimization, game theory and transportation economics, intelligent power grid

Zhang, Chi

Assistant Professor, PhD.
(Stevens Institute of Technology, USA)

Research Interests

Systems reliability analysis and optimization, maintenance optimization, critical infrastructure protection

Wang, Chen

Assistant Professor, PhD.
(University of Wisconsin-Madison, USA)

Research Interests

Decision-making analysis, risk analysis, expert evaluation, game theory, public security

Zhang, Chen

Assistant Professor, PhD
(National University of Singapore)

Research Interests

Statistical modeling and monitoring for complex systems, machine learning and data mining techniques for large-scale systems, on-line learning and real-time monitoring for streaming data analysis

Zhang, Junlong

Assistant Professor, PhD
(North Carolina State University)

Research Interests

Stochastic optimization, bilevel programming, transportation optimization, logistics management

Education

The IE Department provides dynamic and interdisciplinary education. It allows students to establish a solid foundation in both engineering technology and management science through courses in math, science, programming, humanities & social sciences, business management and foreign languages. Students will graduate as well-rounded engineers or skilled management leaders, equipped with fundamental engineering knowledge, global vision, innovative mind, practical skills and social responsibilities, enabling them to tackle any challenges they might face in future endeavors.

Major (Discipline or field)		Degree
Undergraduate	Industrial Engineering	Bachelor of Science
	Industrial Engineering Minor	Minor Certificate of Industrial Engineering
	Statistics Minor	Minor Certificate of Statistics
Graduate	Management Science and Engineering <ul style="list-style-type: none">Industrial and Systems EngineeringLogistics Engineering and ManagementGlobal Manufacturing Program (English)	Master of Science
	Industrial Engineering	Master of Engineering
	Logistics Engineering	
	Tsinghua-UNC MEM+MBA Dual Degree Program	
	IMEM (International MEM Program, English)	Master of Engineering Management (MEM)
	Engineering Management	
PhD.	Management Science and Engineering <ul style="list-style-type: none">Human Factors EngineeringProduction and Service SystemsOperations ResearchLogistics ManagementQuality Management and System SupportStatistics	Ph.D.



Research

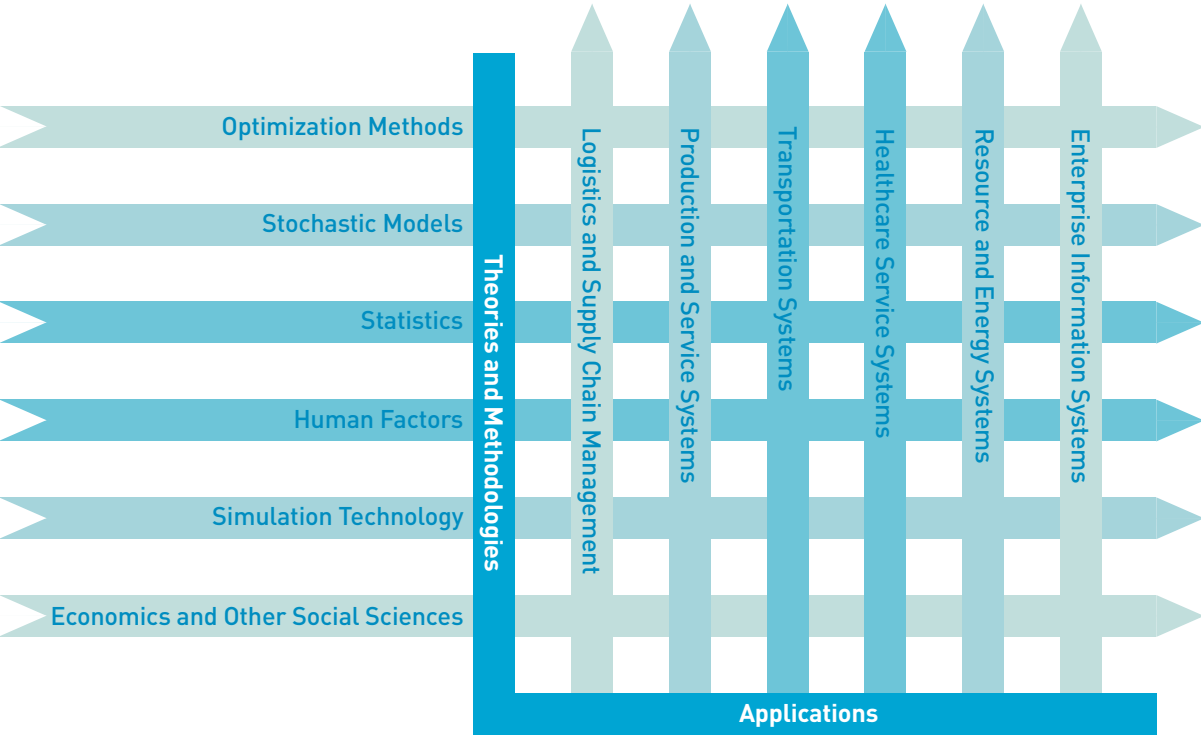
Industrial engineering is used by industrial engineers to improve the ways in which humans interact with technologies and systems, helping organizations to operate safely, efficiently and profitably.

Many challenges that the society faces in the modern era are complex system problems. Managing global production network, building highly efficient health and medical systems, constructing transportation facilities and operation network, as well as creating secure and effective energy supply systems are some examples of the problems. These challenges not only involve complex technologies, but they are also closely related to policies and implementations. In order to combat these challenges, we must apply our multidisciplinary knowledge and methods acquired from engineering, management and social sciences to solving problems as well as exploring new solutions in this era.



The department has established three institutes, covering core research fields of industrial engineering.

- Institute of Operations Research & Statistics
- Institute of Engineering Systems
- Institute of Human Factors & Ergonomics



The Industrial Engineering department has been rapid in making research advancements and scientific progress. The department has undertaken hundreds of research projects and grants from National Natural Science Foundation of China, the National Science Fund for Distinguished Young Scholars, the 863 High-Tech Program by the Ministry of Science and Technology, Program for New Century Excellent Talents in University by Ministry of Education, provincial and ministerial projects, and collaborative projects domestically and internationally. The research achievements made by the Industrial Engineering department are widely recognized, and have received many national, ministerial and provincial scientific research awards. The faculty publishes several dozen high-level academic papers in international leading journals every year. Faculty members serve on the editorial board for 27 international academic journals.

Main Research Interests of the Department:

- Operations Research and Operation Management
- Human Factors and Ergonomics
- Production Systems Engineering
- Logistics Engineering and Management
- Enterprise Integration and Information Systems
- Service Operation Management
- Quality Management and System Support

Features

Educational Features of the Department

The department believes that providing extensive and sound knowledge are the basis of education. The goal is to equip students with innovative thinking and practical abilities, help them develop their sense of responsibility and global vision, so that our students can thrive and succeed in their endeavors. The quality of our program is backed by a quality assurance system. It covers a full range of cultivation for our students, starting from the beginning of the program until employment.

Openness

The goal of Industrial Engineering department is to be world-class in terms of academic disciplines in industrial engineering and student education, with high starting point and high academic standards, at the same level with other world leading universities. Open education approach is a distinguishing feature of the education programs at Industrial Engineering.



Our students studying at RWTH Aachen University, Germany





1

International evaluations are held once every 5 years to guarantee the standard of international education and scientific research system



2

Bilingual education is adopted in all major courses



3

Introducing advanced engineering education concepts with an emphasis on building students' engineering competency through innovative teaching

Since 2001, we have established joint master programs with overseas universities



4

International learning environment

- Over 60 international students join our department every year (including over 50 graduate students and about 10 undergraduate students)
- Since 2001, we've established joint master programs with RWTH Aachen University
- We collaborate with overseas universities for summer undergraduate courses



5

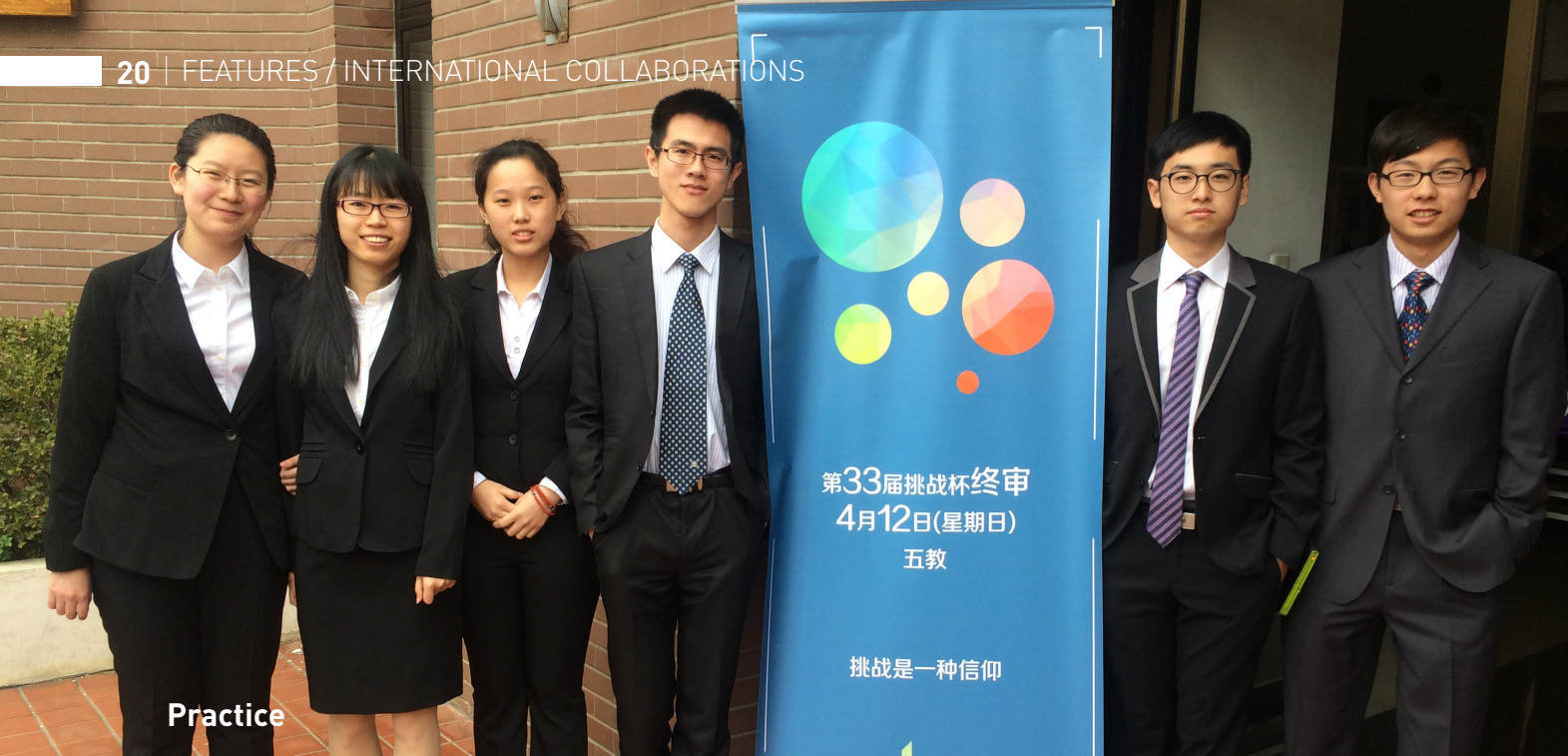
Industrial engineering is an engineering subject stemmed from production practice. Thus it is important to train students' practical abilities. The department provides real-world projects and experiments to cultivate students for better competence in finding and solving problems.



International students in laboratory



Students working on a group project in the logistics system laboratory



Practice

1

Establishing Logistics System Laboratory, Production Engineering and System Simulation Laboratory, as well as the Human Factors Laboratory, and setting a series of comprehensive, innovative, and open experiments for major courses.

2

Major courses are generally taught through collaborative learning.

3

Summer internship programs. We offer students opportunities to work in manufacturing, logistics and service industries in order to learn about operations and how to solve real world problems. Internships serve as crucial platforms for students to exercise their practical ability and creativity.

4

Senior courses are designed to develop the ability of system designing and planning through implementing professional knowledge.

5

The practice of final thesis is required for training students' ability of academic research and problem solving.

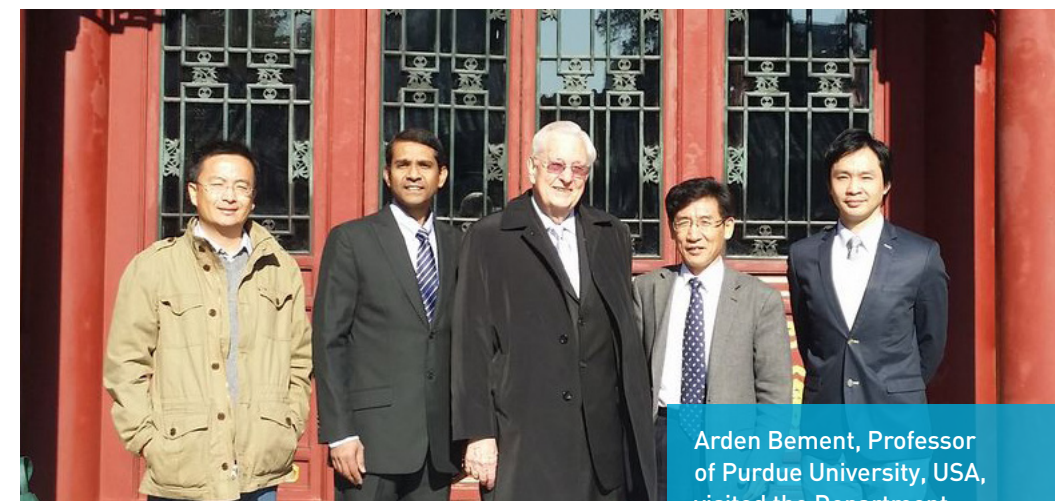
International Collaborations

We collaborate closely with world-class universities such as Massachusetts Institute of Technology, Princeton University, University of California - Berkeley, University of North Carolina at Chapel Hill and RWTH Aachen University, and we work with world-renowned corporations and organizations, such as Liberty Mutual, Motorola, General Motors, Nokia, Intel, Caterpillar, Mitsubishi Heavy Industries, CORDYS and P&G, on application research of industrial engineering.

Renowned scholars domestically and internationally have joined the department as visiting professors, engaging in both teaching and research. Our visiting professors at the department include Dr. Hubertus Christ (Chairman of Association of German Engineers), Dr. Chen Zhenguo (former Head of Department of Industrial Engineering, Dean of College of Science and Engineering, University of Texas - Pan American, and Vice President of Foxconn), Dr. Ian Noy (former President of International Ergonomics Association, U.S. National Academy of Engineering member), Dr. Way Kuo (U.S. National Academy of Engineering member and President of City University of Hong Kong), Dr. Jeff Wu (U.S. National Academy of Engineering member and professor at Georgia Institute of Technology), Dr. Crawley (U.S. National Academy of Engineering member and professor at Massachusetts Institute of Technology), among other distinguished individuals.



Christoph Loch, Dean of Cambridge Judge Business School (former INSEAD professor), visited the Department



Arden Bement, Professor of Purdue University, USA, visited the Department



Professor Way Kuo's inauguration as our visiting professor

We send young faculty and students to the best universities, such as Harvard, UC Berkeley, Georgia Institute of Technology, RWTH Aachen for visiting research or further study.

We chaired China chapters of international societies/ organizations, such as the Human Factors and Ergonomics Society.

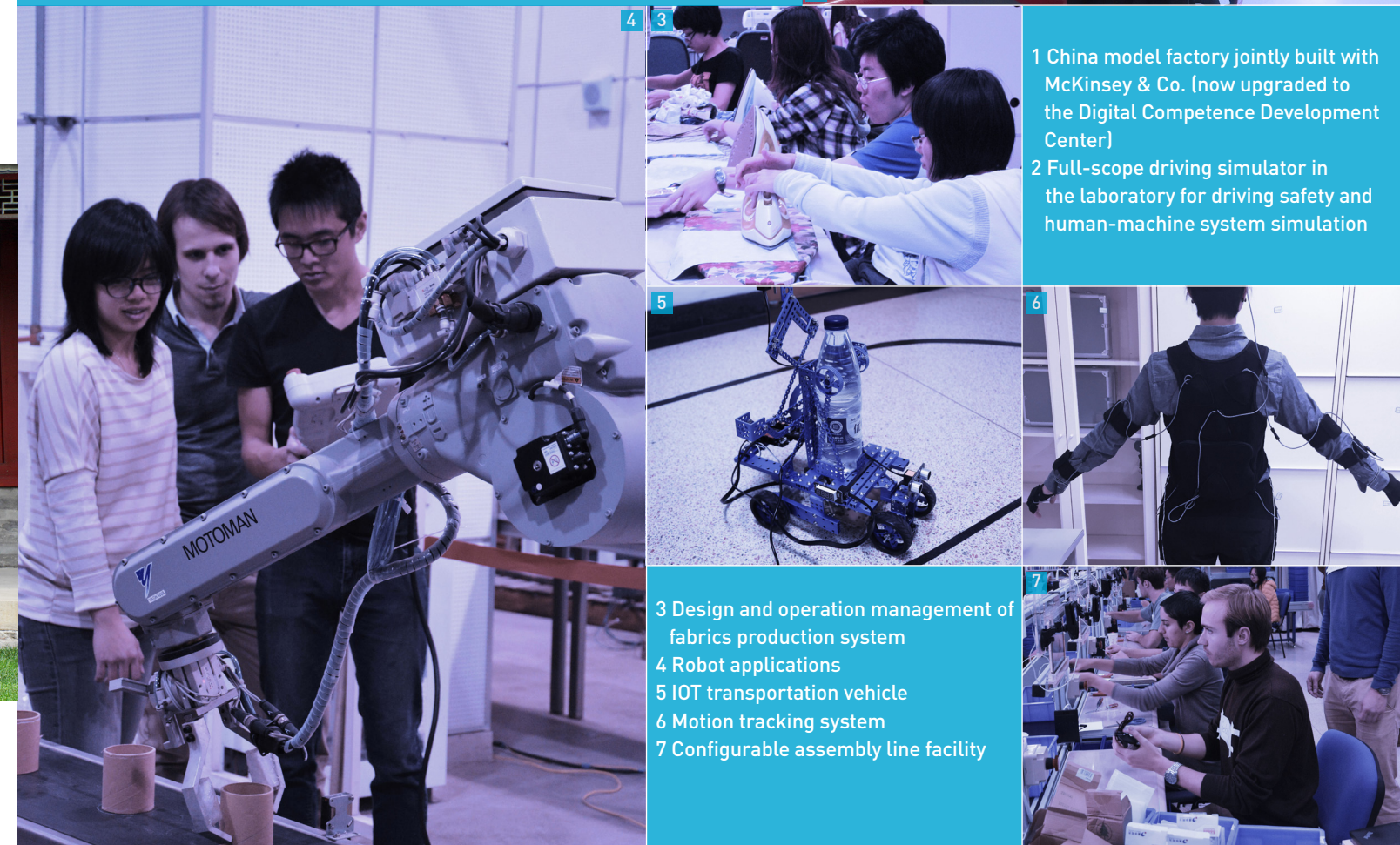


The experts from ABET visited the department and expressed a remarkable feedback about our education



Facilities

Our department has established the Logistics System Laboratory, Production Engineering and System Simulation Laboratory, as well as Human Factors Engineering Laboratory, providing favorable conditions for course learning and scientific research.



- 1 China model factory jointly built with McKinsey & Co. (now upgraded to the Digital Competence Development Center)
- 2 Full-scope driving simulator in the laboratory for driving safety and human-machine system simulation

- 3 Design and operation management of fabrics production system
- 4 Robot applications
- 5 IOT transportation vehicle
- 6 Motion tracking system
- 7 Configurable assembly line facility

Centers

Research centers provide platforms for collaboration with industries. It serves the society through academic research, technology transfer, management consultancy and professional training.

Tsinghua-UNC Center for Logistics and Enterprise Development

As a bridge between academia and industry, it serves enterprises and governments via building communication platforms for industries in manufacturing and logistics.

Membership: General Motors, Boeing, Lenovo, China Railway Container Transport, Logistics, HCT Logistics, Charoen Pokphand, Yum! Brands, DaChan, Yuchai Logistics.

Tsinghua-Huajian Institute of Industrial Engineering Applications

To provide advanced industrial engineering methods and consultancy services for the transformation, upgrading and development of traditional industries.

Areas: Lean production (standard operation and pre-determined time, lean production line, quick changeover, lean logistics, visual management, production line balancing), lean manufacturing execution system (standard process/ operation/time, production scheduling and control, production data collection and performance assessment).

Tsinghua-Maoming Research Center for Petrochemical Production Simulation and Optimization

To better cope with energy supply risks, create safe and highly efficient energy production and supply systems.

Areas: Crude oil purchase and scheduling optimization, risk-based equipment maintenance, decision-making support for personnel and training management.

Institute for Quality and Reliability, Tsinghua University (jointly built with AQSIQ)

To promote research and applications in advanced quality technology and management system, to assist enterprises in product and service quality improvement, to develop the theory and technology of whole life cycle system assurances, and to enhance system dependability and supportability.

Areas: National quality policy and administration system, quality management system, quality control and improvement, six sigma management, reliability and maintenance engineering, spare part management, etc.

Research Center for Production Systems and Operation Management

To provide a new generation of production system technology and advanced production management methods for the manufacturing industry, and to help enterprises in accomplishing world-class manufacturing.

Areas: Production operation management, advanced production planning and scheduling, lean production, production system analysis and optimization, production logistics, production automation, and environment, safety and health issues in production.

Research Center for Enterprises Integration

To promote the application of enterprise information system, and provide information technology solutions for problems in production and operation management.

Areas: Enterprise information system planning, process design and optimization, enterprise information systems (ERP\ MES\PLM), enterprise assets management, etc.

Center for Healthcare Service

To solve existing problems in the healthcare service systems, and improve health and medical care service performance and quality.

Areas: Medical service management information system, medical resource scheduling and optimization, medicine logistics, medical process improvement, medical knowledge management, disease monitoring and control, medical error prevention and management, etc.

Center for Logistics and Supply Chain Management

With talents and intellectuals from Tsinghua University, we aim to promote deeper integration of industry, education and research, introduce high-tech innovation projects, and build a bridge for transferring logistics technology. It is an incubator for logistics technology enterprises, an accelerator for transferring domestic and overseas technological achievements, an innovative research platform for driving industries, as well as a think tank and public service platform for supply chain and logistics economy.

Areas: Enterprise logistics system, regional logistics strategy, logistics distribution center design, IOT technology, air transportation scheduling, container multimodal transportation, transportation hub operation optimization, etc.

Center for Human Factors and Ergonomics in Complex Industrial Systems

To enhance the safety and efficiency of a complex industrial system by including considerations of human factors in engineering design, construction and operation. It focuses on various key safety domains, such as aviation, aerospace, nuclear power plant, high-speed railway, vessel and military equipment.

Areas: Optimal design of a human-machine integrated system, innovative interface design, human factors verification and validation, system safety, human performance measurement and modeling, human error and its control, personnel selection and training, behavior data analysis, safety management, etc.

Center for Data-driven Management

To conduct research on data analysis tools and models for the big data era with a focus on practical problems as the lead, and data analysis as the key. To explore the innovations in production and service systems, and seek to discover new methods to increase revenue and new knowledge to improve management, and use real data to quantify the effects on operation.

Areas: Retailing, smart city, intelligent transportation, medical service, internet e-commerce platform.

Professional Education/Training

In order to help enterprises increase efficiency and quality while reducing their costs, the department promotes applications of industrial engineering theories and methods through Master of Engineering (ME), Master of Engineering Management (MEM), Tsinghua-UNC MEM+MBA Dual Degree Program, and various professional training programs.

The Tsinghua-UNC Dual Degree Program aims to train future leaders in business to have a global vision and innovative mind. They will be equipped with both solid management theories and skills. Students will receive MEM degree from Tsinghua University and MBA degree from University of North Carolina at Chapel Hill.



Professor Salvendy and Master of Engineering students from China Railway



MEM students discussing with the course instructor at break



Tsinghua IMEM Immersion Class



Tsinghua-UNC MEM+MBA Dual Degree Program students in US field trip and attended the graduation ceremony in UNC at Chapel Hill



The IE Education and Training Center, organizes professional education and training courses, such as long-term advanced study and training, short-term intensive training, corporate training and overseas advanced study. Since 2004, the center has accepted more than 5000 students in around 50 training courses, and IE Lectures has been held in over 20 provinces and cities, accumulated more than 20,000 attendees.

MEM, ME

Tel: 010-62794538 62796585

Website: <http://mem.ie.tsinghua.edu.cn>

Tsinghua-UNC MEM+MBA Dual Degree Program

Tel: 010 - 62797827

Website: <http://emba.ie.tsinghua.edu.cn>

IE Education and Training Center

Tel: 010 - 62781360 62797191

Website: <http://training.ie.tsinghua.edu.cn>



The customized logistic manager training courses and team building model for Sinotrans Logistics



Student Activities

The department expects students to “shape excellent career, pursue an brilliant life”. The Student Union organizes various activities and events related to politics, recreation, sports, and innovations annually, which includes Student Festival, Boys' Day, Girls' Day, student communications, Ma Yuehan Cup sport competitions, singing competition, and “Challenge Cup” research and innovation competition.



1

- 1 Our students awarded first place at the Challenge Cup
- 2 IE students launching volunteer service with international students from Africa
- 3 IE Person of the Year award presentation
- 4 “12.9” singing competition
- 5 Show in a student festival
- 6 Our students won second place of group B at the Ma Yuehan Cup Men's Volleyball Competition
- 7 Our students won second place of group B at the Ma Yuehan Cup Men's Football Competition



5



2

We are a group of students that boast outstanding ideas, vitality, aspiration with pioneering spirit. Since the department was established in 2001, many of our distinctive groups and individuals have created meaningful impacts in the university. Our students have gained wonderful achievements in various competitions, including awards in domestic and international academic competitions.



6



3



4



7

Employment

Our graduates are well received among enterprises, government agencies and research institutions as they are equipped with both engineering and management foundation, outstanding competence in system analysis, as well as excellent communication, cooperation and organization skills. They enjoy a wide spectrum of career choices, including: industrial engineers, manufacturing engineers, quality engineers, logistics engineers, financial analysts and consultants in manufacturing, service and many other industries; managers or public servants in government, enterprises and public institutions; and professors or researchers in universities and research institutions.

85% of our undergraduates choose to pursue higher degrees in domestic or overseas academic institutions and universities; 80% of our graduate students choose to acquire jobs.

Our Alumni Working as Faculty members in the Following Overseas Universities (as of 2017)

- Department of Industrial and Operations Engineering, University of Michigan
- School of Business, University of Michigan
- School of Management, Cornell University
- Department of Industrial and Manufacturing Engineering, Pennsylvania State University
- School of Business, University of Washington
- School of Business, Johns Hopkins University
- School of Management, Purdue University
- Department of Industrial and Systems Engineering, Rutgers University
- Department of Management, California State University, Irvine
- School of Business, Indiana University

Statistics of Career Choices of 2012-2016 Graduates of the Department

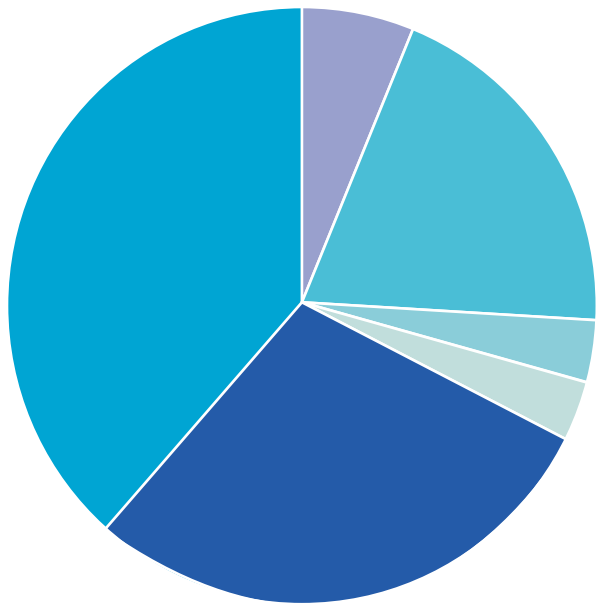
- Foreign-funded enterprise

■ State-owned enterprise

■ Government office
- Private enterprise

■ Education

■ Research institute



- Department of Industrial and Systems Engineering, North Carolina State University
- College of Business Administration, San Diego State University
- Department of Supply Chain Management and Management Science, University of Cologne, Germany
- School of Business, University of Navarra, Spain
- School of Business, City University of Hong Kong
- School of Business, Singapore Management University
- Department of Library and Information Science, University of Incheon, South Korea
- School of Business, Hong Kong University of Science and Technology

Our Graduates Pursue Further Education in top overseas Universities (2013-2017)

University	Number of graduates
Columbia University	29
Carnegie Mellon University	10
Georgia Institute of Technology	11
University of California - Berkeley	6
University of Pennsylvania	5
New York University	4
The Hong Kong University of Science and Technology	4
University of Chicago	4
University of Michigan - Ann Arbor	4
University of Wisconsin-Madison	3
Northwestern University	3
University of Illinois at Urbana-Champaign	3
The University of Tokyo	2
Cornell University	2
Massachusetts Institute of Technology	3
Stanford University	2
Hong Kong universities	3
The University of Texas at Austin	2
Imperial College London	1
Duke University	3
University of Toronto	1
University of Cambridge	3
Dartmouth College	3
University of Washington	3

Employers of Our Graduates

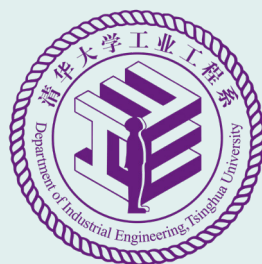
- Tsinghua University
- Peking University
- Shanghai Jiaotong University
- University of Science and Technology of China
- Beijing Institute of Technology
- Beihang University
- Tianjin University
- University of International Business and Economics
- Beijing University of Chemical Technology

- Bank of China Limited
- Agricultural Bank of China (HQ)
- China Construction Bank Corporation
- China Citic Bank (HQ)
- Bank of Communications Co., Ltd.
- The People's Insurance Company (Group) of China Limited
- CITIC Securities Company Limited
- National Development and Reform Commission
- Certification and Accreditation Administration of the People's Republic of China
- State Intellectual Property Office
- Ministry of State Security
- Panjin Municipal Party Committee Organization Department

- AVIC China Aero - polytechnology Establishment
- China Aero Development Research Center
- Shanghai Nuclear Engineering Research & Design Institute
- Beijing Transportation Development Research Center
- No. 714 Research Institute of China Shipbuilding Industry Corporation
- China Center for Information Industry Development
- China Mobile Communications Corporation
- China Minmetals Corporation
- China Communications Construction Company Limited
- COFCO Trading Limited
- Shanghai Railway Administration
- SANY Heavy Industry Co., Ltd.
- Harbin Electric Machinery Co., Ltd.
- Dongfang Electric Machinery Company Limited
- Shanghai Aircraft Manufacturing Factory
- Commercial Aircraft Corporation of China Ltd.
- Sinotrans Limited
- Beijing-Hundai Auto
- Sichuan Changhong Electric Co., Ltd.
- Xi'an High Voltage Electric Porcelain Co., Ltd.
- Shanghai Volkswagen Co., Ltd.



- Alibaba Group
- Foxconn Technology Group
- IBM (China) Investment Co., Ltd.
- Beijing Jingdong Century Trading Co., Ltd.
- Bosch (China) Investment Ltd.
- AutoNavi Software Co., Ltd.
- Shell (China) Ltd.
- Microsoft (China) Co., Ltd.
- Tencent Technology (Shenzhen) Company Limited
- ABB (China) Limited
- Beijing Branch of McKinsey & Consulting Company Inc., Shanghai
- GE Medical Systems Trade & Development (Shanghai) Co., Ltd.
- Cisco Systems (China) Networking Technology Co., Ltd.
- Schlumberger (Beijing) Limited



We make things better.

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