Introduction to Tongji University
(同济大学)
Tong ji

Means: cooperating by riding the same boat

“同济”意蕴“同舟共济”
1907 Tongji German Medical School was founded by Erich Paulun, a German doctor in Shanghai.

1907年为德国医生Erich Paulun在上海创办的德文医学堂
In 1927, renamed as National Tongji University

1927年正式定为国立同济大学。
In 1952, Tongji University became a university with strength in engineering, esp. in civil engineering.

1952年院系调整后，同济大学成为国内土木建筑领域专业最全的工科大学。
In 2000, the expanded Tongji University become a comprehensive university which offers a wide range of programs in sciences, engineering, medicine, arts, law, economics, philosophy, education and management.

2000年合并上海铁道大学、上海城市建设学院和上海建筑材料工业学院等。目前是一所拥有理、工、医、文、法、哲、经济、管理、教育9大学科门类的综合性大学。
Tongji University is one of important national universities which supported by “211” and “985” financial projects.

全国重点大学，学校被列入国家财政立项资助的"211工程"和国家教育振兴行动计划与地方重点共建的高水平大学行列。
24 Colleges

- Architecture & Urban Planning
- Automotive Engineering
- Civil Engineering
- Economics & Management
- Electronic & IT
- Environment Engineering
- Marine Geology
- Mechanical Engineering
- Transportation
- Liberal Arts & Law
As one of the state leading centers for scientific research, the university has 5 state key laboratories and engineering research centers.

作为国家重要的科研中心之一，学校有国家级和省部级重点实验室和工程研究中心14个。学校还设有5个附属医院和3个附属学校。
Profile

➢ 54,750 Students
  - 21,568 Bachelor’s degree students
  - 8,151 Master’s degree students
  - 2,696 PhD students

➢ 7,593 Staff
  - 3,000 teachers & researchers
  - 12 academicians
  - 1,885 (associate) professors
Profile

- 81 bachelor’s programs
- 141 Master degree programs
- 58 PhD programs
- 13 postdoctoral mobile stations
Employment of Tongji Graduates

- 8313 graduates in 2004
Research

- ¥ 610.7 million in 2003
International Cooperation

- links with over 170 universities in 25 countries (1980-2004)
  
  *Australia, Canada, France, Japan, Korea, Malaysia, Germany, Singapore, UK, USA, Vietnam, etc.*

- characteristics: sustainability & diversity
International Cooperation

- **Sino-German College for Graduate Study (1998)**
  - the 1st sino-foreign program jointly set up by the two governments
  - 3 years master’s double degrees program:
    - IT, Mechanics & Automotive Engineering, Economics & Management
  - 25 foundation chairs sponsored by the famous Chinese and German enterprises
  - Curriculum, courses and management designed by both sides
  - Internship provided in German enterprises
  - Students number in 2004: 298

- **Sino-French Institute of Engineering & Management (1999)**
  - Partner: Paris tech-11 most prestigious national engineering schools
  - the supervisory board is organized by 16 big state enterprises and Sino-French companies
  - 6 master’s degree joint programs: Intelligent Transportation Systems-Information System Management-Spatial Application, IT, Environmental Engineering, Urban Planning, Industrial Risk Management, materials & instrument.
  - is promoting Sino-French joint research program & joint doctoral programs
  - Students number in 2004: 300
International Cooperation

- UNEP-Tongji Institute of Environment for Sustainable Development (2002)
  1. A joint program set up with the international organization UNEP
  2. Asia-Pacific Leadership Programme on Environment for Sustainable Development

1) courses delivered in English by experts from the Asia-Pacific Consortium
2) aims to improve the all-round thinking and decision making abilities of the young and emerging leaders in government organization and private enterprises in the Asia-Pacific Region.

- Master’s Programme in Environment for Sustainable Development
  1) 2 years: 2 terms courses study at Tongji and member universities + 1 term internship at
     UN agencies + 1 term thesis
  2) starts from 2005

- UNESCO-Tongji World Heritage Research Institute (Application)
  1. Partner: UNESCO
International Cooperation

- Joint degree programs
- Joint teaching research program
- student/staff Exchange programs
- Academic conferences
- International Students
Staff and Students Going Abroad & International Students (2001-2004)

- recruitment started in 1954
- international students: 1800
- programs in: language, degree, training
- programs taught in: Chinese, English, French, German, Japanese

![Graph showing staff and students going abroad and international students at Tongji University from 2001 to 2004. The graph indicates an increase in both categories over the years, with peaks in 2004 for staff and students going abroad, and in 2004 for international students at Tongji.](chart)
Campuses

- West campus: 306,153 m²
- Siping Rd. campus: 893,780 m²
- North campus: 48,691 m²
- East campus: 126,730 m²
- Jiading campus: 1,000,500 m²
正在建设中的嘉定安亭校区规划占地面积2100亩，位于安亭国际汽车城内，F1赛场旁。
Anting 国际汽车城
国家实验室：城市建设和防灾国家实验室（土木、建筑、城市规划、交通、环境、材料等）

国家工程中心：先进地面交通（洁净能源汽车、轨道交通、磁浮列车，含机械、电子、材料、交通等）
On 30th October 2002, Mr. Gerhard Schroeder, German Chancellor visited Tongji University and was awarded Honorary Doctor of Tongji University.
International Cooperation

On 11th October 2004, Mr. Jacques Chirac, President of France visited Tongji University and attended the Stone-laying Ceremony of Sino-French Center.
On 29th September 2004, Dr. Klaus Topfer, Under-Secretary-General of UN and the Executive Director of UNEP visited Tongji University and unveiled the plague of IESD Building.

On 29th June 2004, Mr. Koichiro Matsuura, Director-General of UNESCO visited Tongji University.
International Cooperation

On 10th November 2004, Dr. Edmond H. Fischer, Nobel Prize winner, visited Tongji University.

On 29th October, Mr. Tanaka Kouichi, Nobel Prize winner, visited Tongji University.
Introduction to
Shanghai
(上海)
环陆家嘴公园的18栋楼年产值800亿，年税收37亿

浦东国际机场占2/3的全国货运量
Shanghai World Expo in 2010

Better city , Better life
Shanghai and World Expo

EXPO 2010 will be open in 184 days

About 7’800’000 vehicle times per day

About 72 million people will visit in all

About 600’000 people will visit in a day

More difficult than Beijing
Tongji University and 2010 Expo

In 2004, Tongji University’s plan for 2010 Expo, which distinguished itself from more than 40 bids, became one of the final three excellent candidate blueprints.

Also in 2004, Tongji University has also involved in the traffic plan for 2010 World Expo.
Gate: 进入中国的大门
Window：中国对外开放的窗口
Key：打开中国的市场
Bridge：连接中国与世界的桥梁
Thank you!