INTRODUCTION

Actions speak louder than words

Tsinghua University is a leading institution of higher learning in China. Tsinghua has 15 schools and 55 departments with faculties of science, engineering, the humanities, arts, economics, management, law, education and medicine.

The beautiful campus covers an area of 3.92km to the north of Beijing, with wonderful teaching and living facilities provided. Over 30,000 domestic students and 3.200 international students from 122 countries are now studying at Tsinghua.

清華大學 Tsinghua University

Self –discipline and Social Commitment

Top right:Tsinghua flower: Chinese Redbud *Cercis chinensis*

Right:Tsinghua Xue Tang, the first classroom building of Tsinghua School built in 1909-1911

Bottom:Tsinghua University (1911-2011)

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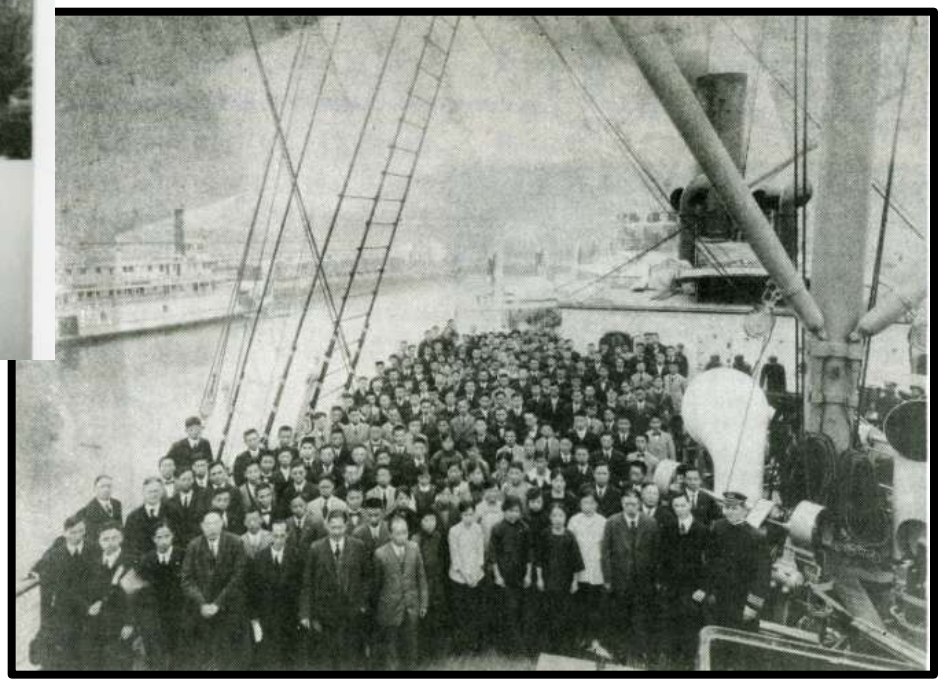
Tsinghua University

HISTORY

1911 Tsing Hua Imperial School founded

Faculty members of the Tsinghua Academy of Chinese Learning (1920's)
First row from left:
Li Ji, Wang Guowei, Liang Qichao, and Zhao Yuanren;
Second row from left:
Zhang Zhaohuang, Lu Weizhao, and Liang Tingcan

Tsinghua graduates sailed to the USA for further study (1918)



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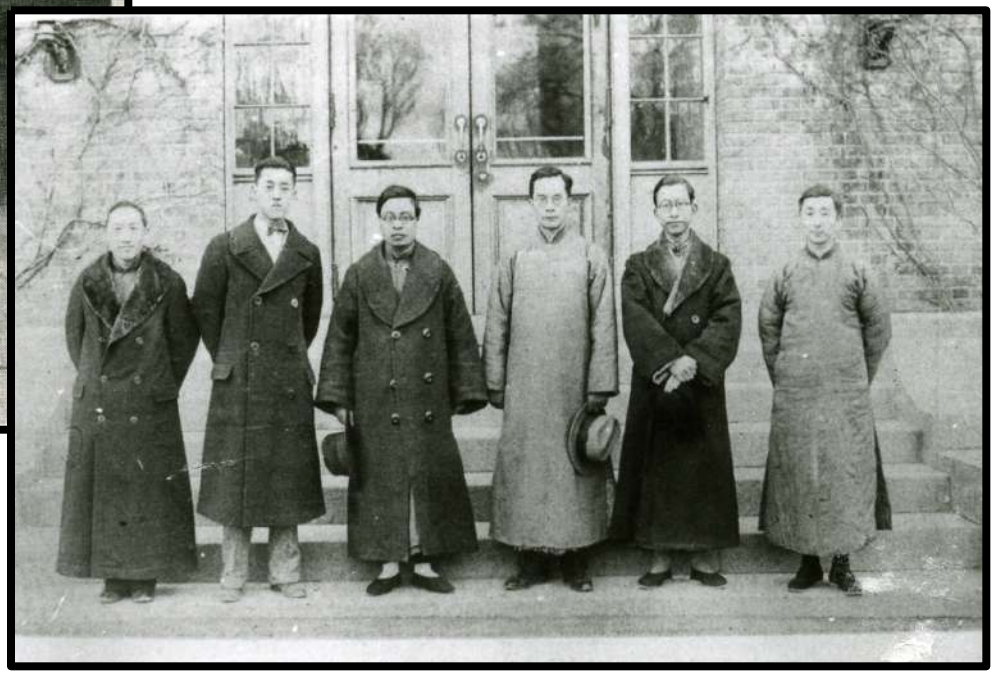
1928National Tsing Hua University

Rabindranath Tagore at Tsinghua in 1924 with Gu Hongming, Wang Wenxian, Zhang Xinhai, Xu Zhimo, Zhang Pengchun, et al.



Tsinghua Council members (1932), from left: Ye Qisun, Chen Daisun, Feng Youlan, Mei Yiqi, Yang Gongzhao, and Zhang Zigao

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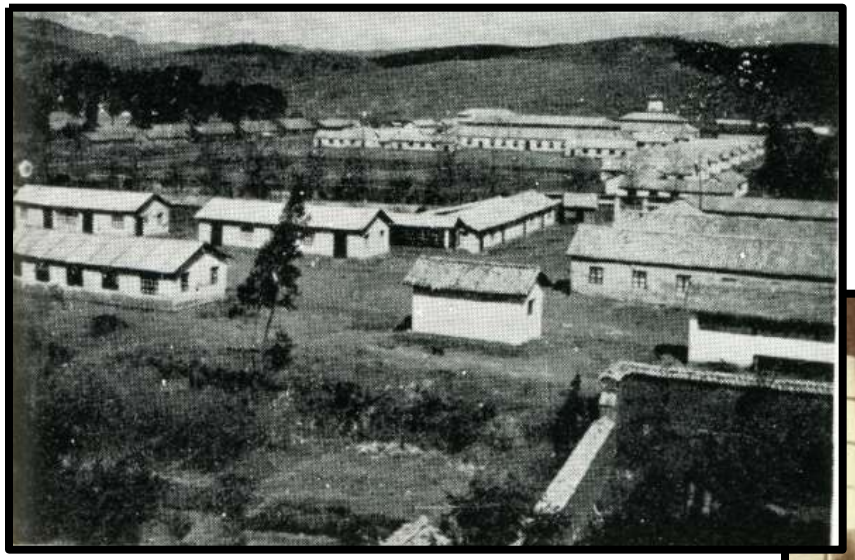
1937-1946Moved to Kunming, “National Southwest Associated University”



Tsinghua with Peking University and Nankai University formed National Southwest Associated University during the years 1938-1946.

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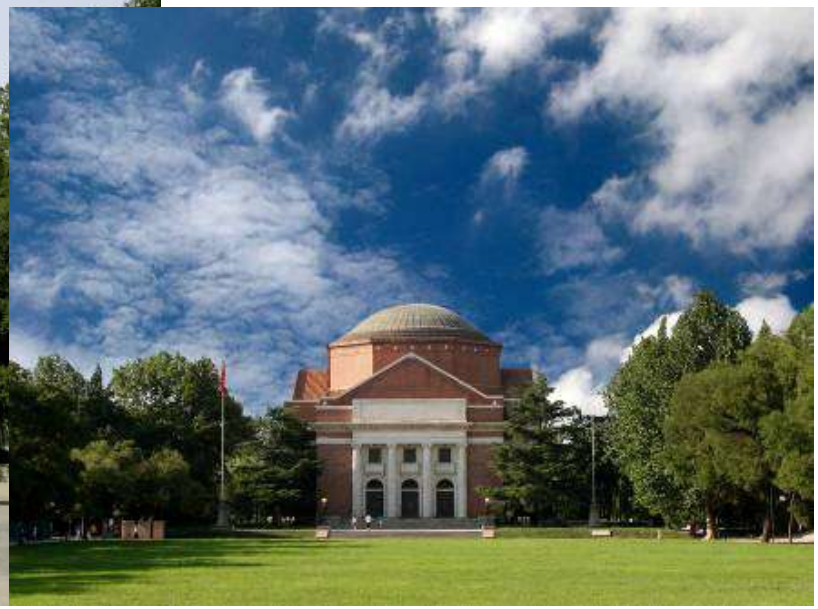
1952Became a multi-disciplinary university of engineering

1978Restructured into a comprehensive university

The Old Gate



Auditorium

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EDUCATION

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Total Faculty & Staff7,186

Full Professors1,211

Associate Professors1,186

Members of the Chinese Academy of Sciences 37

Members of the Chinese Academy of Engineering 34

Education Programs

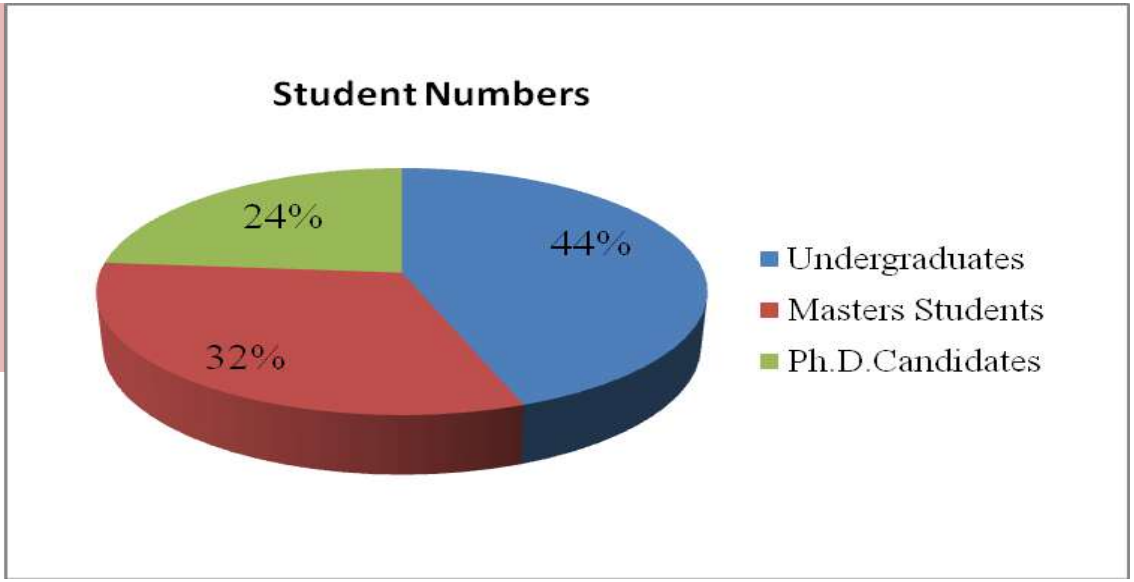
Undergraduate Programs65

Masters Programs 271

Doctoral Programs 252

Master Programs

Taught in English12



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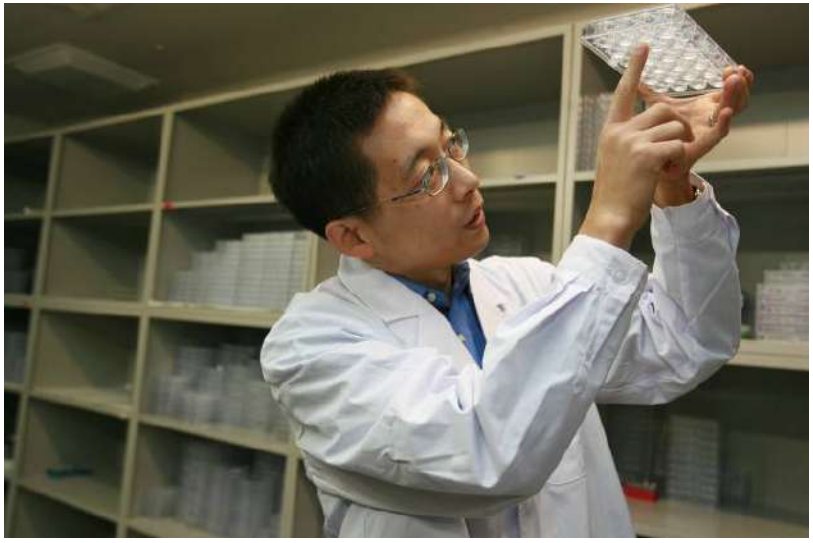
Turing Award Winner Andrew Chi-Chih Yao

Lin Chia-chiao, Member of the Chinese Academy of Sciences and American Academy of Arts and Sciences



Professor Shi Yigong

Seminar

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Freshmen Seminar

Environmental Science Laboratory

Exchange students from the University of Tokyo at Tsinghua

Tsinghua and MIT students in an Architecture Joint Studio

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Tsinghua – Tokyo Tech Joint Master Program

Joint Program Students in a welding technology class at RWTH Aachen

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Tohoku University Summer Program 2010

Ph.D. candidates seminar (Indonesia)

Summer Program in
National University of Singapore

Exchange students visit the Brussels Atonium

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Joint Program students in a lab session at Tsinghua

Master degree conferral ceremony held at RETH Aachen, Germany

Master Programs taught in English

International students at Tsinghua

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Undergraduates investigate health care system in rural areas

Education – Aiding – the – Poor Project

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Factory Internship

Visiting a farmer’s family

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Structural Design Competition

Teamwork

Tsinghua students win RoboCup

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School of Aerospace students win National Aero & Space Modeling Championship

Academy of Arts and Design – weaving class

Tsinghua Challenge Cup Technology Innovation Forum & Exhibition

A student's fashion design won a gold medal in Paris

Tsinghua University

EXTRACURRICULAR ACTIVITIES

Symphony Orchestra

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Various activities for international students

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Dance “Lotus after the Rain”

Winner’s Celebration

Peking Opera

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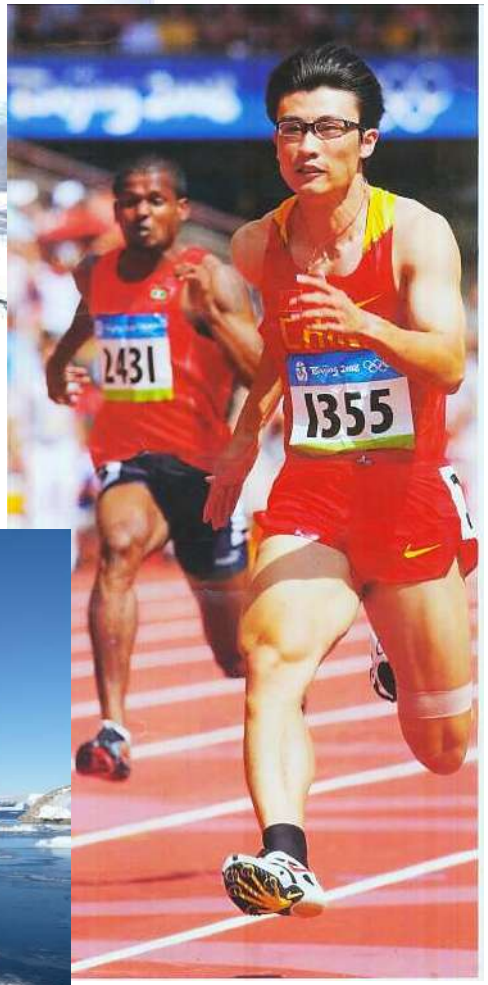
Basketball Game

Mountain Climbing

Mr. Hu Kai in the 2008 Olympic Games



Mr. Ma Hao's first Antarctic expedition

Tsinghua – Cambridge Eights rowing Race

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RESEARCH

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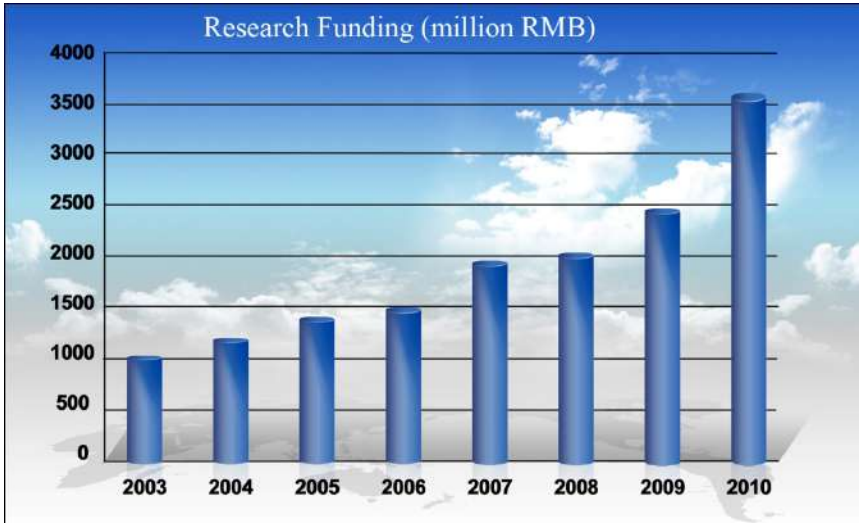
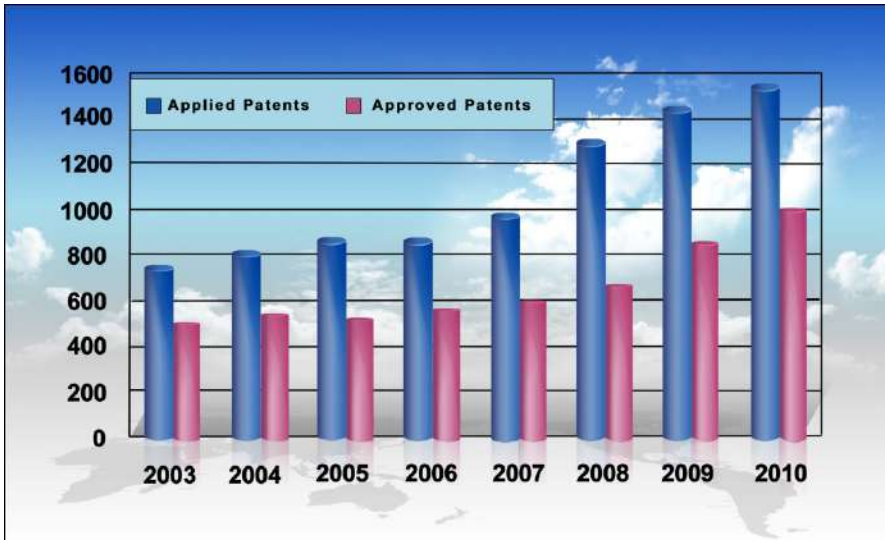
State Scientific and Technological Awards by the end of 2010 (total 419)

- 44State Natural Science Awards
- 120State Technological Invention Awards
- 255 State S & T Progress Awards





Annual research funding

Patents applied and granted

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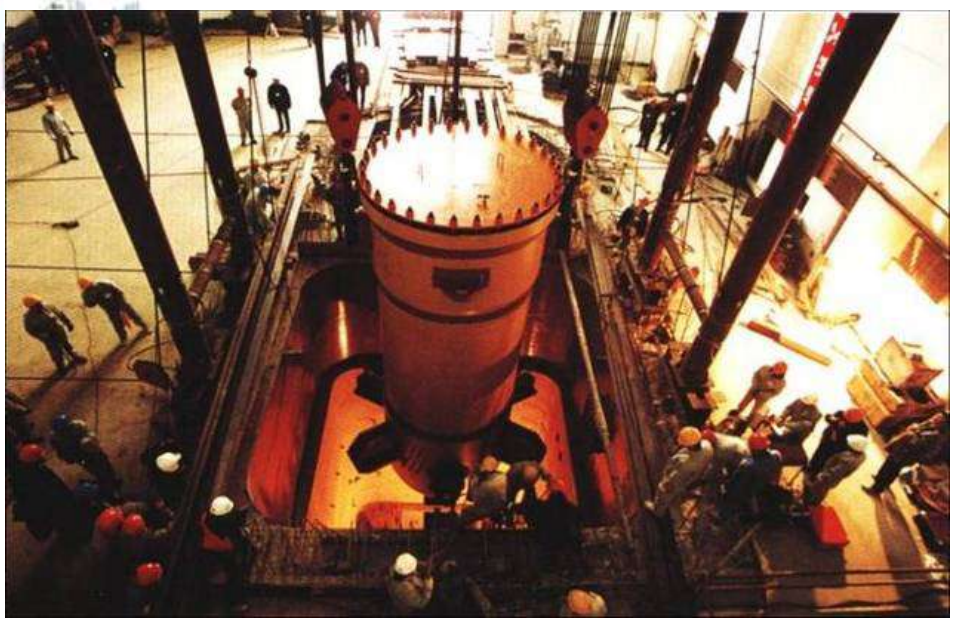
Some of the recent publications in *Nature* and *Science*

10 MW High temperature reactor



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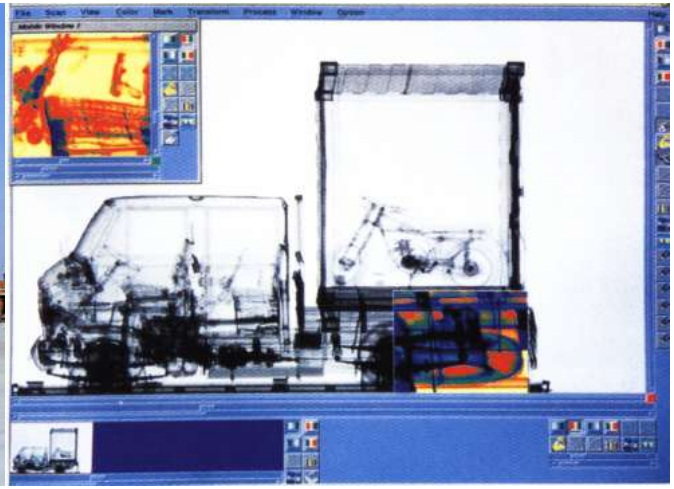

Container Inspection System exported to over 40 countries

By September 2006, Tsinghau University's campus network has been connected with the CERNRT2 based on IPv6 with 1Gbps of bandwidth.

The rehabilitation training device

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Left: Architecture design – Juer Hutong
Below: Tsinghua Science Park

Miyun Reservoir

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Beijing Olympic Forest Park landscape design

Fuel cell city buses

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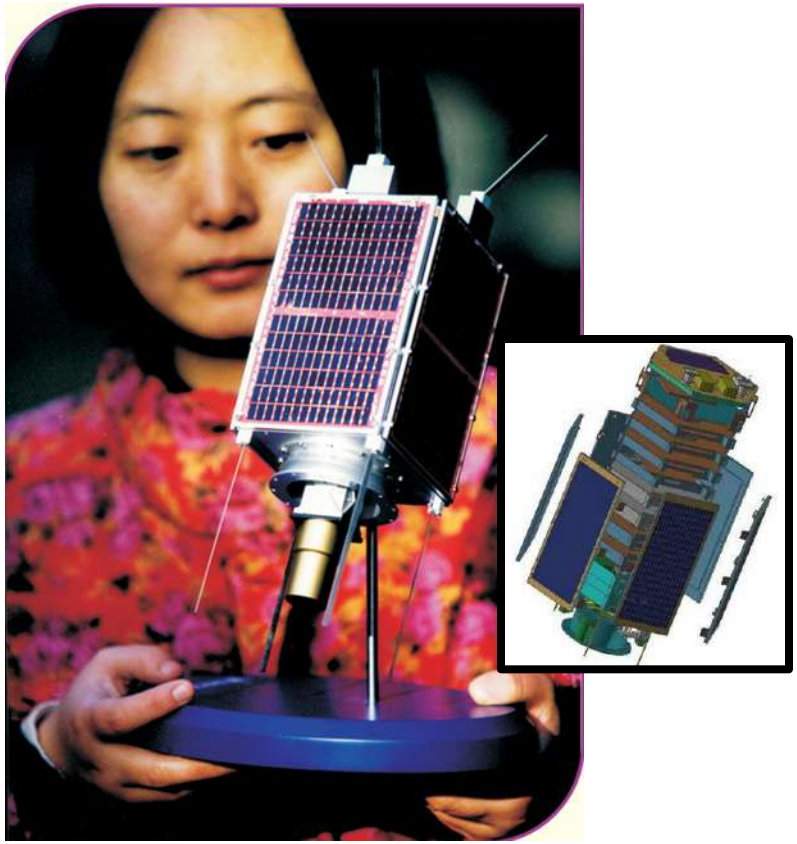

Top: Micro satellite
Top right: OLED (organic light emitting devices)
Bottom right: Nano-hydroxyapatite/collagen bone graft substitute material

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LED Street Lamps at Tsinghua and in Guangdong

New generation of Energy Management System is put into use in Jiangxi Province power grid

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Left: Circulating fluidized bed

Right: High temperature superconductor receivers installed in CDMA base stations

Above: Carbon nanotube film loudspeaker

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