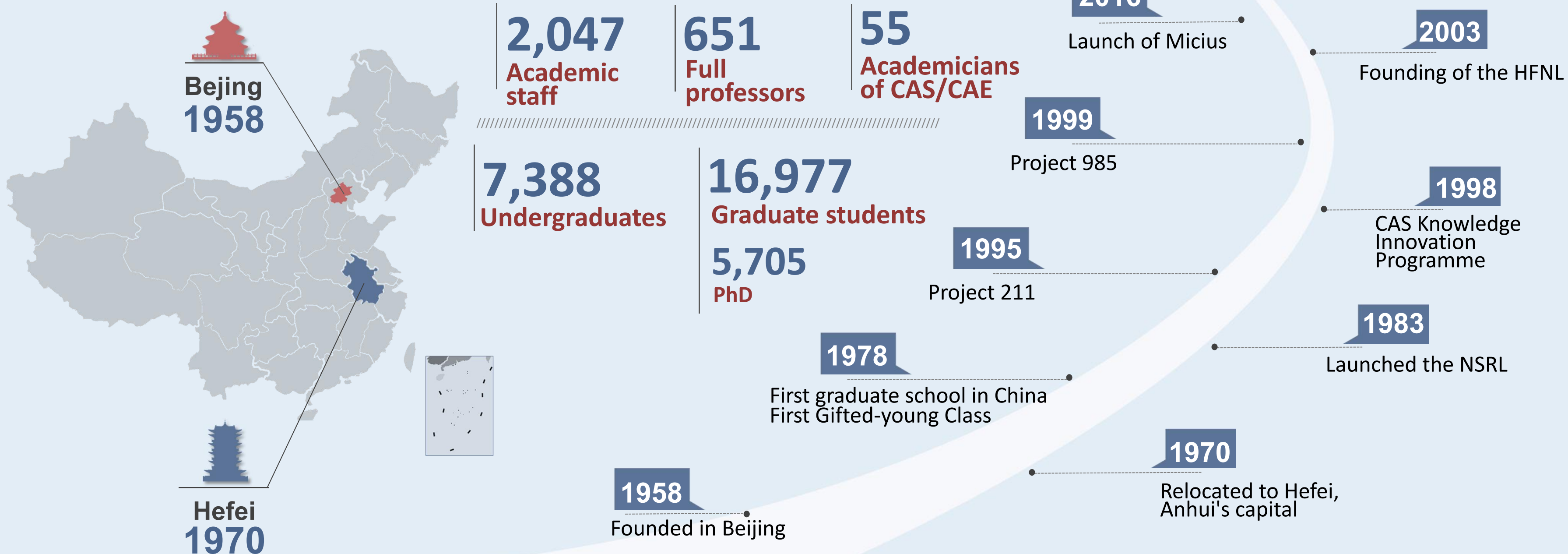


UNIVERSITY OF SCIENCE & TECHNOLOGY OF CHINA

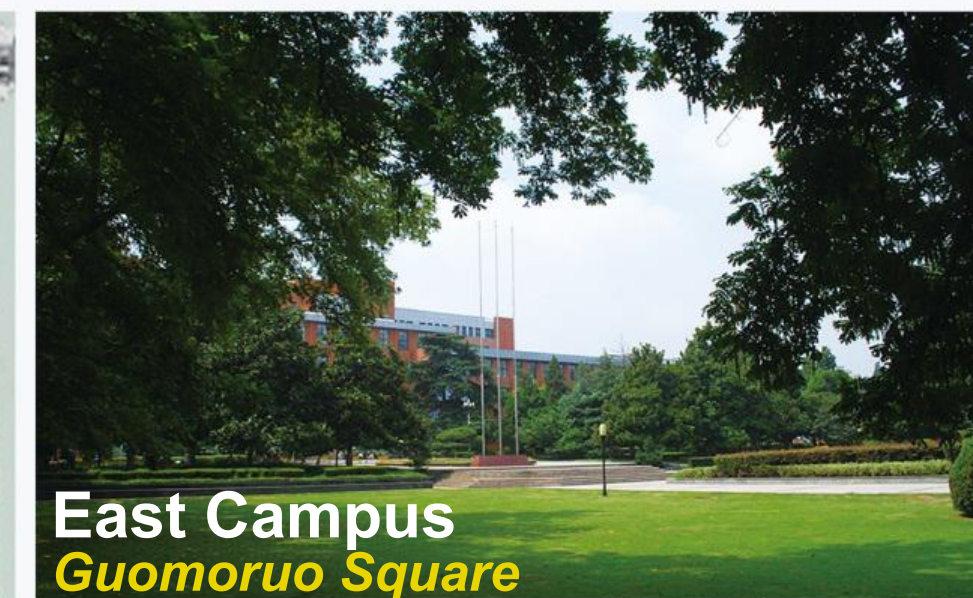
<https://www.ustc.edu.cn/>

BASIC FACTS

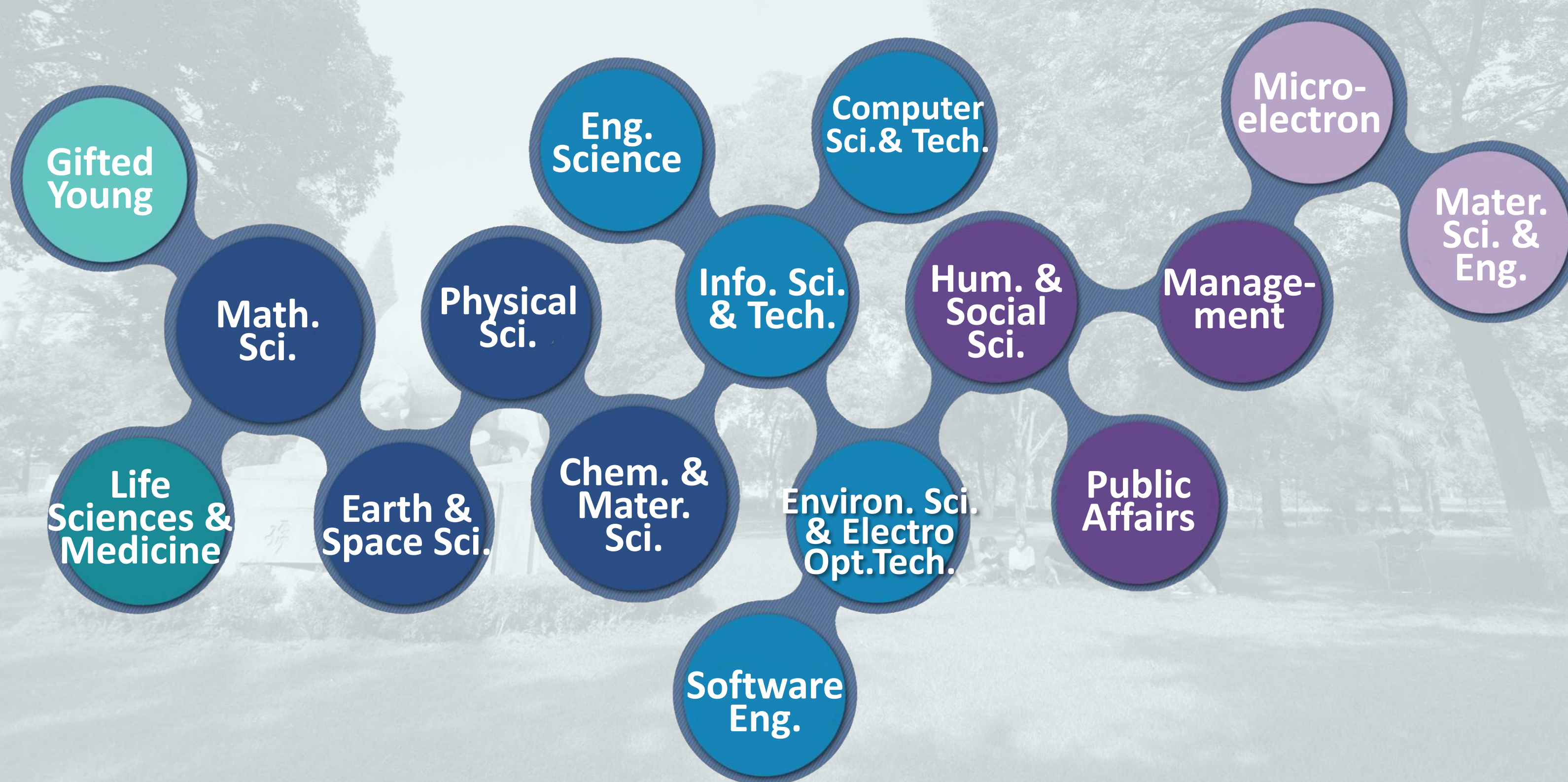
SERVING THE COUNTRY IN SCIENCE & EDUCATION FOR 60 YEARS



CAMPUSES



SCHOOLS



EDUCATION

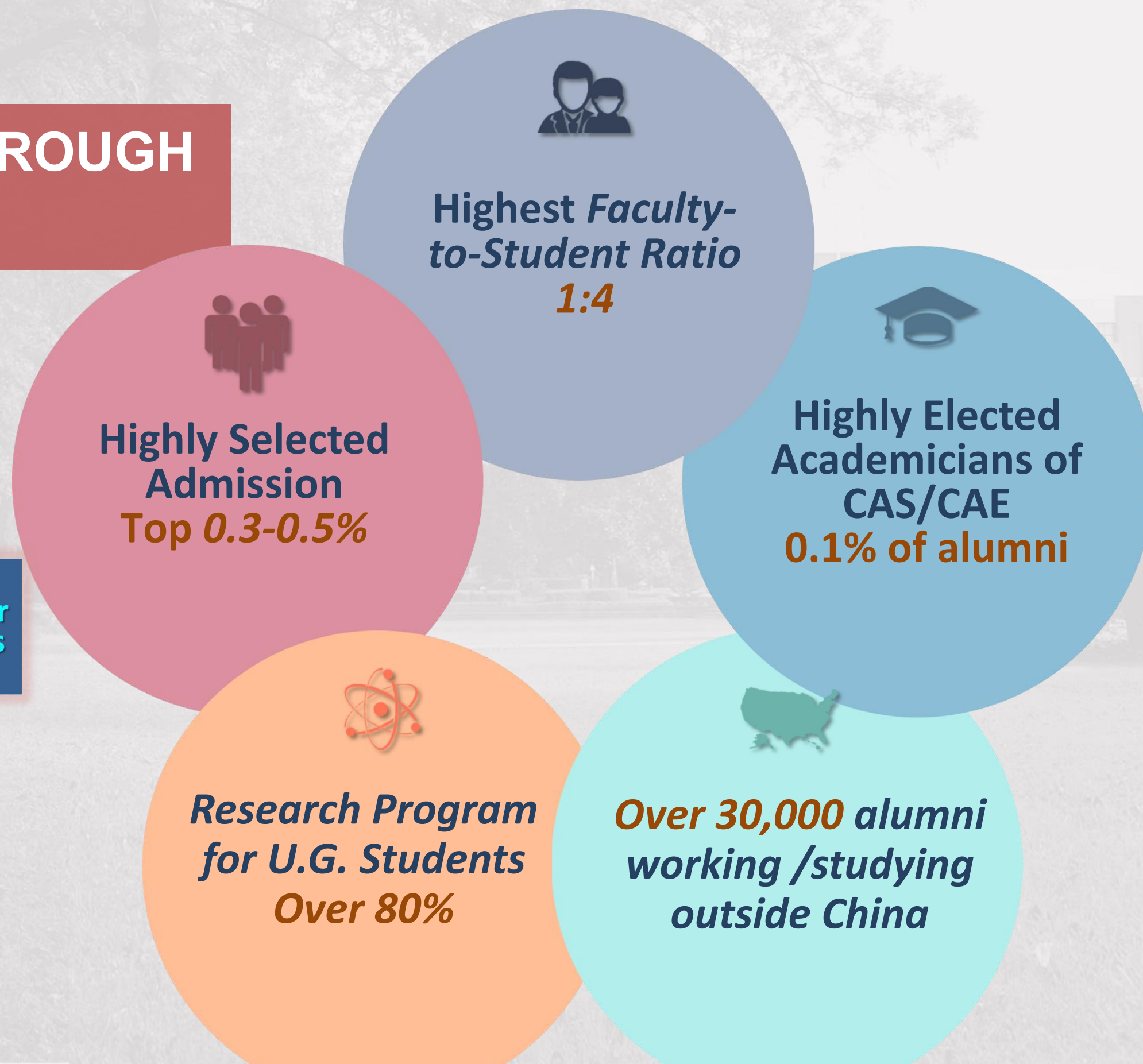
CULTIVATING INNOVATORS THROUGH A TAILORED EDUCATION

REGARDED AS
“**THE CRADLE OF SCIENTISTS**”
IN CHINA

Two Years of Broad-Area Training — “**2+X**” — Rich Opportunities for Development Choices

Individualized Student Training

- ◆ Selection of a major
- ◆ Intensive studies
- ◆ Activities across all campuses
- ◆ Practice to formulate career plans
- ◆ Employment, further study...



SCHOOL OF THE GIFTED YOUNG (SCGY)

NATURING BRILLIANCE

PROPOSED IN 1978 BY PROFESSOR T.D. LEE
(NOBEL PRIZE WINNER)

Dr. ZHUANG Xiaowei

1987, 15 years old
NAS Member
Harvard Professor



Dr. LUO Liqun

1981, 15 years old
NAS Member,
Stanford Professor



Dr. ZHANG Yaqin

1978, 12 years old
Youngest IEEE fellow,
Former Cooperate Vice
President of Microsoft

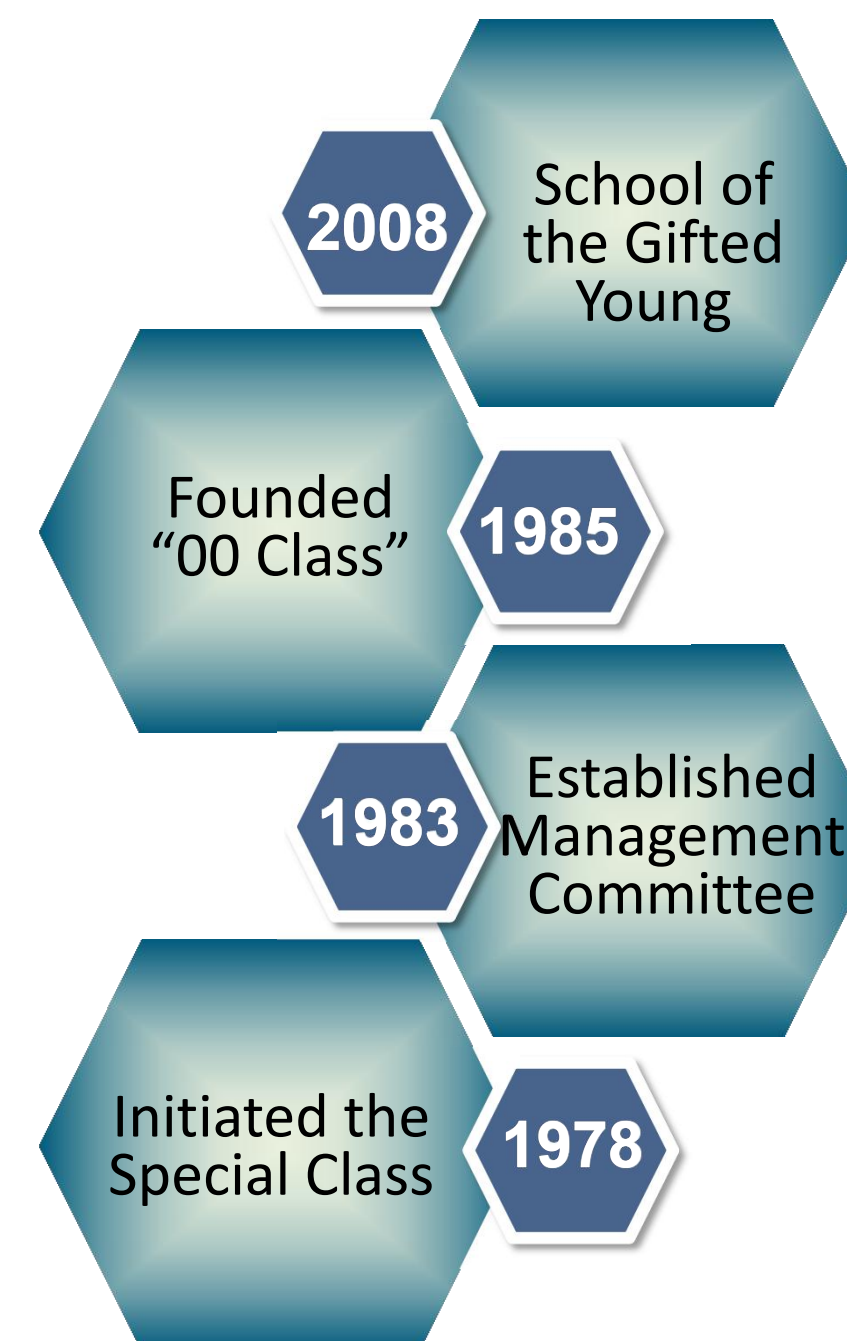


Dr. YIN Xi

1996, 12 years old
2015 Harvard Professor
(31 years old)



- Admit gifted youth under 16 years old
- 50 students per year nationwide
- Nurtured 2,000 students by 2017, over 90% obtained advanced degrees



FACILITY

LIGHTING THE WAY FOR TOMMORROW

Particular strength of USTC is its powerful facilities designed specifically to cater for large-scale science

- Hefei City is one of the only three *Comprehensive National Science Centers* in China, other than Beijing and Shanghai.
- USTC is one of the most important innovation center in China operating *national level labs* and *national scientific large facilities*.
- The *National Laboratory for Quantum Information Science* has been kicked off in 2017.



Experimental Advanced
Superconducting Tokamak



National Synchrotron
Radiation Laboratory



National Center for Physical
Sciences at the Microscale



National Laboratory for
Quantum Information Science

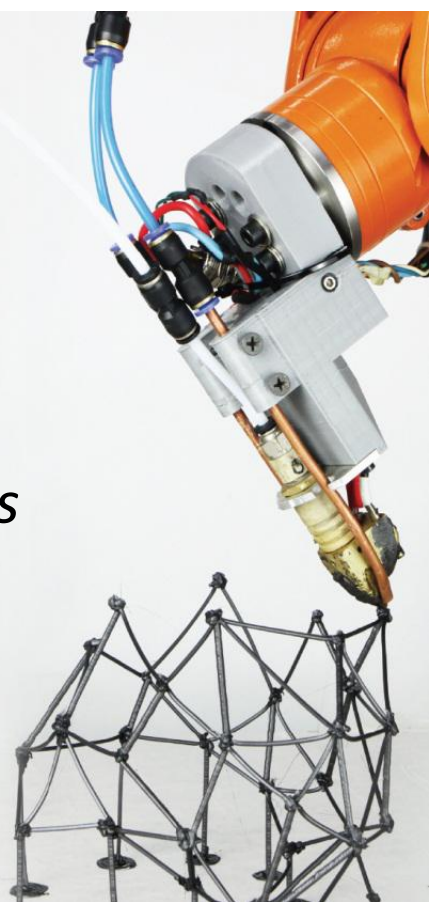
RESEARCH

DEVELOP EXCITING CROSS-DISCIPLINARY INNOVATIONS

CROSSING BOUNDARIES OF BASIC SCIENCES

MATHEMATICS

Computational geometry studies by USTC mathematicians have applications in 3D printing.

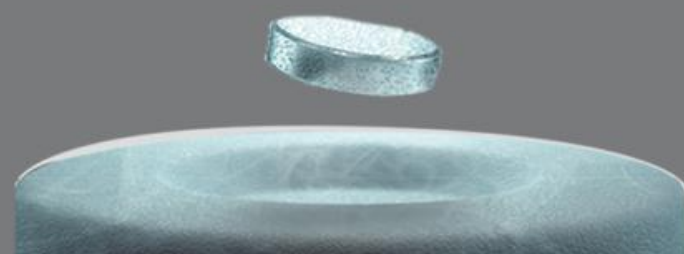


PHYSICS

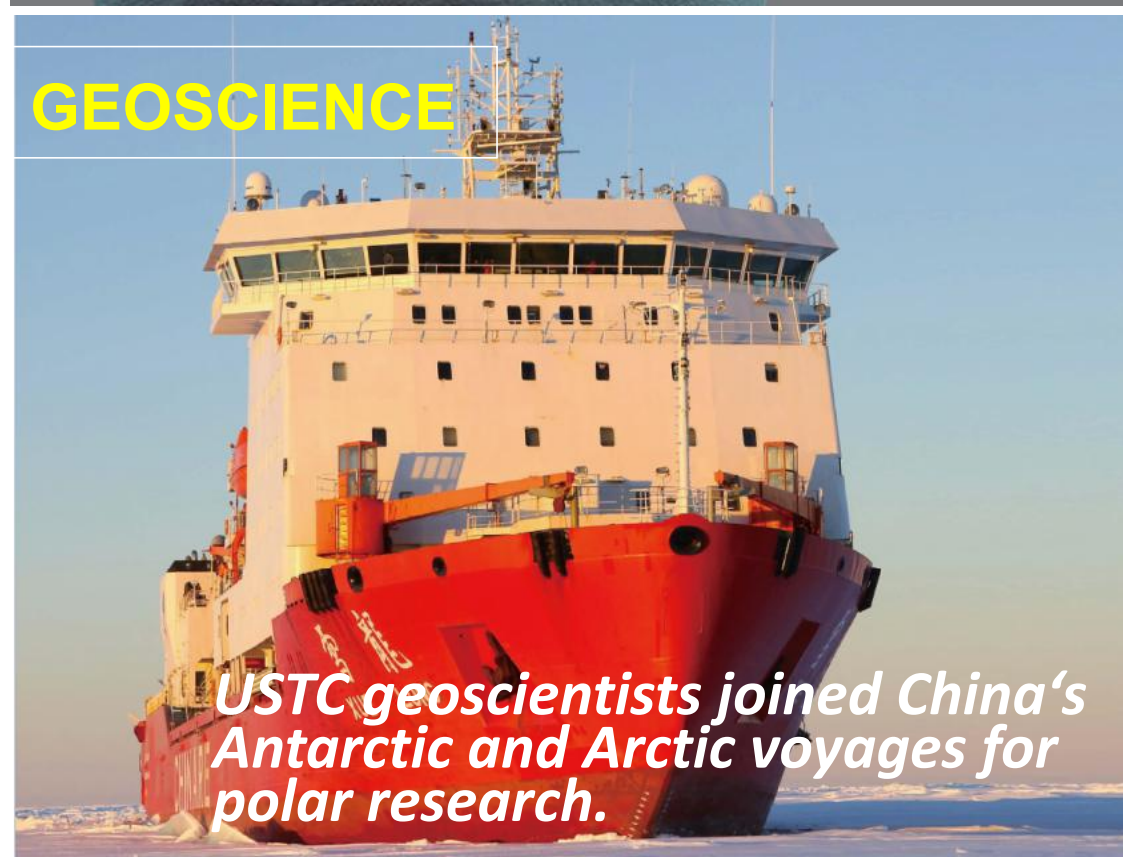


Micius, developed by Pan's team, is the world's first quantum science satellite.

High-temperature superconductivity



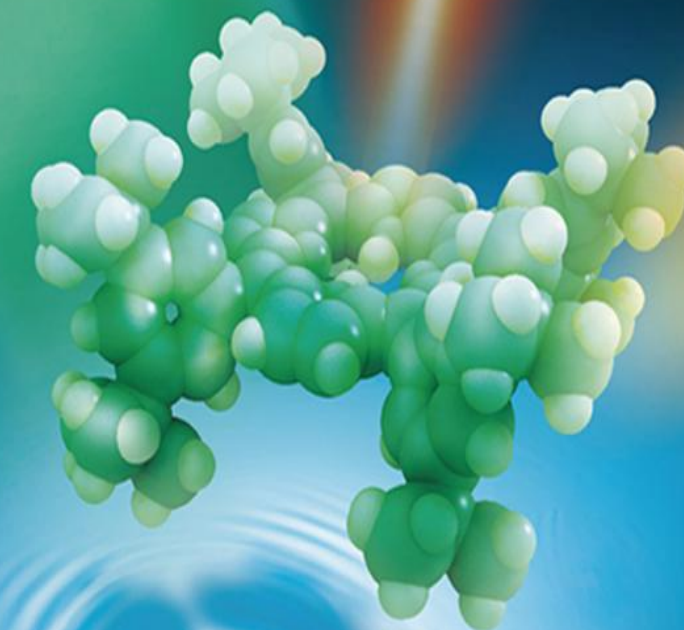
GEOSCIENCE



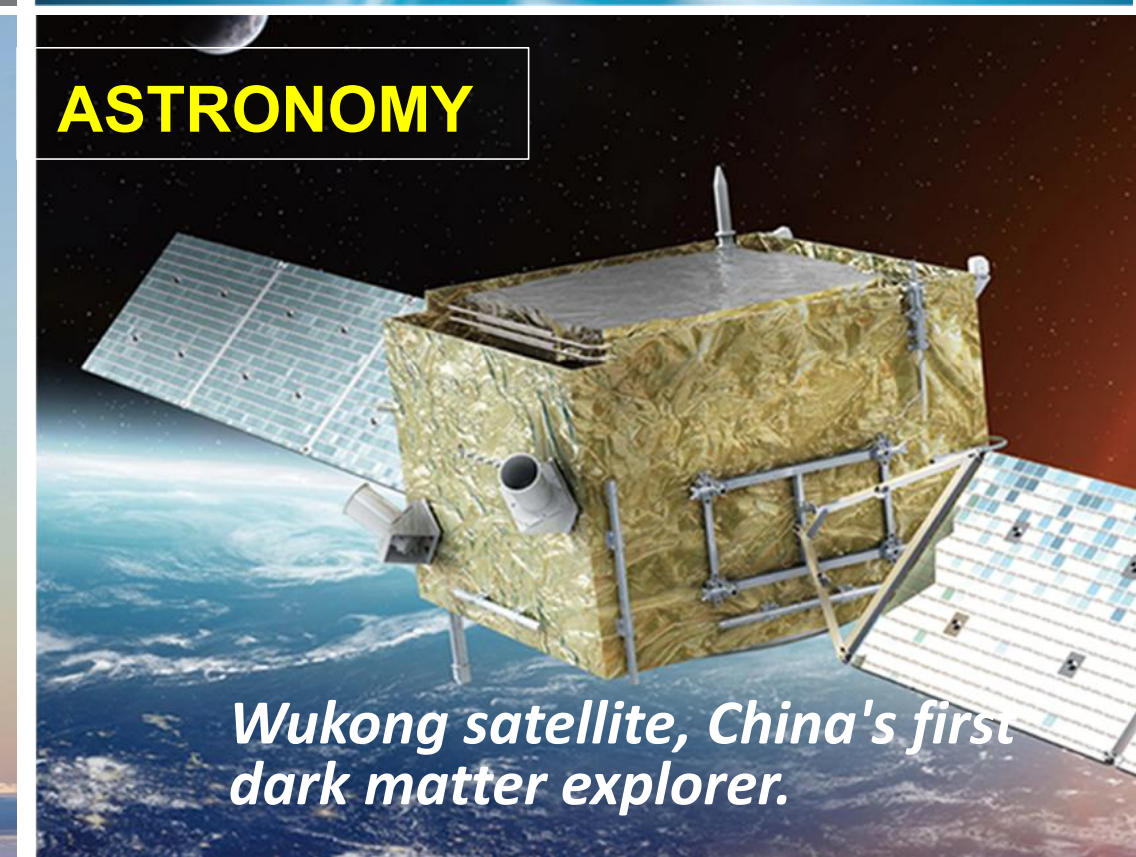
USTC geoscientists joined China's Antarctic and Arctic voyages for polar research.

CHEMISTRY & MATERIAL SCIENCE

Singlemolecule Raman imaging produces detailed chemical pictures.



ASTRONOMY



Wukong satellite, China's first dark matter explorer.

RESEARCH

DEVELOP EXCITING CROSS-DISCIPLINARY INNOVATIONS

EMERGING ENGINEERING REAL-WORLD SOLUTIONS



NEL-BITA——
National Engineering Laboratory
for Brain-inspired Intelligence
Technology and Application (2017)



**The face of smart
technology——Jiajia**
the robot can respond to
facial expressions

NEW MEDICINE



New Faculty
of Life Sciences & Medicine
was established in 2017

The First Affiliated Hospital
of USTC

- Founded in 1898
- 3A Hospital
- Largest in Anhui Province
- Top 10 in China (beds)



4 Schools as
Education Units

Life
Sciences

Biomedical
Engineering

Basic
Medicine

Clinical
Medicine

INTERNATIONAL ENGAGEMENT

BROADENING COLLABORATIONS IN CHINA AND THE WORLD

210

Partners from 35 countries
worldwide

731

International Students,
more than 70% PhD
Candidates

1700

Students participated in
USTC Study Abroad
program in 2017

1500

Foreign experts from 46
countries visited USTC for
research & teaching in 2017

30%

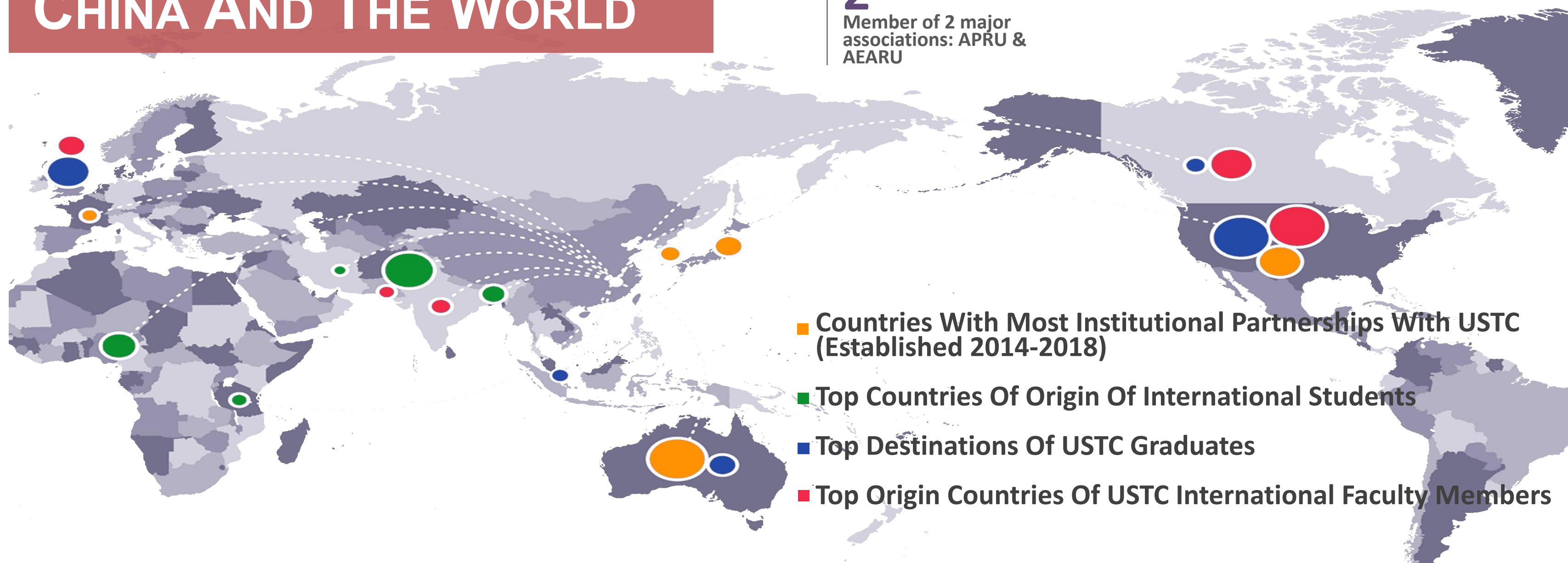
Publications co-authored with
institutions in other countries

30%

Mobility of the
undergraduates

2

Member of 2 major
associations: APRU &
AEARU



UNIVERSITY REPUTATION

USTC EARNED THE WORLD
REPUTATION IN THE SHORT 60
YEARS BY EXTRAORDINARY
QUALITY OF EDUCATION AND
OUTSTANDING RESEARCH



93

TOP 3

in Mainland China



THE University Rankings
2019

98

TOP 4

in Mainland China



QS World University Rankings
2018/19

138

TOP 3



in Mainland China
U.S. News Rankings 2019

23

TOP 4

in Mainland China

nature INDEX

Nature Index 2018

4

Disciplines in ESI' s
world top 0.1% (March, 2018)
Physics, Material Science, Chemistry,
Engineering

13

Disciplines in the world's Top 50 ARWU
Subject Rankings 2017

Physics, Chemistry, Mechanical ENG, Electrical
ENG, telecom ENG, computer, Chemical ENG,
Material ENG, Instruments ENG, Nanoscience,
Energy Plant and & Animal Sciences Molecular
Biology & Genetics



中国科学技术大学
University of Science and Technology of China
紅專并進一甲子 科教興國六十載

THANK YOU

UNIVERSITY OF SCIENCE
AND TECHNOLOGY OF
CHINA