



Ways to Future for Universities
– International Collaboration

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BRIEF INTRODUCTION

- University History
 - Tsinghua School from 1911
 - National Tsinghua University from 1928
 - Southwest Associated University at Kunming from 1937
 - Tsinghua University from 1949
- Multi-disciplinary University of Engineering beginning from 1952
- Comprehensive, Research-oriented and Open reconstructed in 1978–2000

BRIEF INTRODUCTION

- Campus Size 395 Hectares

BRIEF INTRODUCTION

- Undergraduates 13,788
- Graduates 13,547

BRIEF INTRODUCTION

- Comprehensive University

13 Schools

- Aerospace
- Arts and Design
- Architecture
- Civil Engineering
- Economics and Management
- Humanities and Social Sciences
- Information Science and Technology
- Journalism and Communication
- Law
- Mechanical Engineering
- Medicine
- Public Policy and Management
- Sciences

5 Independent Departments

- Chemical Engineering
- Environmental Science and Eng.
- Electrical Engineering and Applied
- Electronic Technology
- Engineering Physics
- Materials Science and Engineering

BRIEF INTRODUCTION

- Research-Oriented University

- Laboratories 170
 - National Lab for Information Science and Technology 1
 - State Key Laboratories 11
 - MOE/MOST Key Laboratories 15
 - Beijing Key Laboratories 4
- Engineering Centers 5
 - National Engineering Research Centers

BRIEF INTRODUCTION

- Open University – International Partnership

- 153 universities in 29 countries
- 33 companies from top 100 companies in the world
- 57 joint-labs and joint research/training centers

University Level Agreement

- EUROPE** 66 University Level Agreement
- ASIA** 49 University Level Agreement
- OCEANIA** 13 University Level Agreement from 2 countries: Australia, New Zealand
- NORTH AMERICAN** 41 University Level Agreement from 3 countries: American 33, Canadian 2, Mexican 1

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REVIEW ON PROGRAMS

- Fundamental Collaboration
 - Joint Education Programs
 - Programs for Foreign Students
 - Distinguished Foreign Expert Programs
 - Joint Research Programs
 - Cooperation with Industries

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REVIEW ON PROGRAMS

- Fundamental Collaboration -- Joint Education Programs
 - Joint degree programs with world leading universities
 - Student exchange programs with world leading universities
 - Joint programs supported by Chinese National Foundation for Studying Abroad

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REVIEW ON PROGRAMS

- Fundamental Collaboration -- Programs for Foreign Students
 - Degree programs
For all degrees
 - Non-degree programs
For exchange students, language students, etc
 - Scholarship for Foreign Students
 - Chinese Government Scholarship
 - Beijing Municipal Government Scholarship
 - Tsinghua University Scholarship

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REVIEW ON PROGRAMS

- Fundamental Collaboration -- Distinguished Foreign Expert Programs
 - World-class scholars (such as Nobel Laureates, famous scholars) invited to deliver courses
 - Chief professors assigned for the key disciplines in departments
 - Distinguished research professors invited for the state key labs
 - Scholars employed for foreign language courses

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REVIEW ON PROGRAMS

- **Fundamental Collaboration -- Joint Research Programs**
 - **Inter-disciplinary projects with multi-national enterprises**
 - **Joint R&D institutes**
 - University + Enterprises + University
e.g. Tsinghua + Samsung + KAIST
 - University + University + Governors
e.g. EU Framework
 - University + University
e.g. Tsinghua + Harvard

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REVIEW ON PROGRAMS

- **Cooperation with Industries**
 - **Tsinghua University-Industry Cooperation Committee**
Founded in 1995 with 180 membership (147 domestic and 33 foreign enterprises)

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Overview for Collaboration

- **WHY** is international collaboration the way to future for universities
 - **Education globality**
More and more oversea students
 - **Research globality**
Open to the world, including
 - **Faculty globality**
On the global platform

} Education exchange globality!

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Overview for Collaboration

- **WHAT** to do for international collaboration
 - **STANDARD**
Adopted to approach the global understanding
 - **Education PLATFORM**
Open to the world, including
 - Tsinghua students: Studying experience abroad
 - International students: Studying freely in Tsinghua
 - **Research PLATFORM**
On the global platform
 - **Faculty PLATFORM**
Assessed and recruited based on the international standard

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Overview for Collaboration

- **WHEN** to implement
 - **Currently**, based on the fundamental cooperation
 - **Shortly**, exploring all opportunity to setup
 - Students exchange programs, furthermore
 - Joint research institutes, paying more attention to
 - Faculty recruitment, globally
 - **Chronically**, approach to the international standard for better mutual understanding

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Conclusion

- Enhance cooperation with strategic partner and universities in AEARU both in education and scientific research and development
- Carry out trans-disciplinary, cutting-edge, and multi-level cooperation with universities in AEARU and industries



Thank you!

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