



清华大学土木水利学院
SCHOOL OF CIVIL ENGINEERING
TSINGHUA UNIVERSITY

TSINGHUA UNIVERSITY SUMMER SCHOOL 2026

for INTERNATIONAL CONSTRUCTION

Designed for Impact, Built for the Future



International Council
for Research and Innovation
in Building and Construction

In partnership with International Council for Research
and Innovation in Building and Construction

STUDY AT TSINGHUA UNIVERSITY

Learn at the Forefront of Global Construction

● World-leading Excellence in Engineering & Construction

Tsinghua University is internationally recognized for excellence in engineering and construction-related disciplines, combining rigorous academics with strong innovation and deep industry engagement. Located in Beijing, Tsinghua offers an exceptional environment for studying engineering, construction management, and infrastructure development.

● Global Recognition

QS World University Rankings 2025: **#17** worldwide

QS Civil & Structural Engineering: **#5** worldwide

These rankings reflect Tsinghua's long-standing leadership in engineering education, research excellence, and global impact on the built environment.

● A Global Hub for Construction Innovation

China is home to some of the world's most ambitious construction projects, from high-speed rail networks to mega-scale urban developments. Tsinghua stands at the center of this transformation with strengths in:

- ✓ Smart and digital construction
- ✓ Mega infrastructure and project management
- ✓ Sustainable and green building systems
- ✓ Safety, health and risk management

This Summer School offers an immersive academic and professional experience where global construction innovation is actively taking place.

PROGRAM HIGHLIGHTS

STUDY AT TSINGHUA. EXPERIENCE CHINA. CONNECT WITH THE WORLD.

The Tsinghua Summer School for International Construction is a **two-week intensive programme** on campus in **Beijing** that brings together global learners to explore the future of the construction sector. It combines academic lectures, interactive seminars, and site-based learning to provide participants with cutting-edge insights into infrastructure development, smart construction, industrialized delivery, and safety management.

Why this programme?

- China as a living lab for mega projects
- A global cohort and cross-cultural teamwork
- Real-world learning through projects + site visits

Designed For:

- Students
- Young professionals
- Industry participants

Summer School 2024



Summer School 2025



In the **summer of 2026**, join a **global classroom** where construction innovation is actively taking place.

What You Will Learn

1 China: Innovation in Context

You will learn how China integrates cutting-edge technology with cultural heritage through visits to tech companies and traditional architecture experiences. Participants will also explore landmark infrastructure systems such as HSR, stadiums, airports, and major transport hubs.

2 Frontier Topics from Globe

You will learn the latest global research and industry insights in international construction through interactive sessions led by visiting professors and invited experts. Previous cohorts have hosted leading scholars from Cambridge University, The University of Hong Kong, and other top institutions.

3 Digital Delivery in Practice

You will learn how digital tools are reshaping project delivery through applied learning on BIM-enabled workflows, smart construction, and data-driven project control, supported by real cases and guided discussion.

4 Collaborative Learning

You will learn through team-based workshops and a cross-cultural group project, guided by instructors. Participants will develop and present solutions on real construction challenges, practicing project planning, risk thinking, and evidence-based decision-making.

CURRICULUM & SCHEDULE AT A GLANCE

Dates: July 6th - July 19th 2026

Location: On campus, Beijing, China

✔ Week 1 | On-Campus Learning

Date	Morning Session(09:30-12:00)	Afternoon Session(13:30-16:00)
Day 0 (Sun)	-	Arrival & Registration
Day 1 (Mon)	Orientation & Opening Lecture	Campus Introduction / Student Support Briefing
Day 2 (Tue)	Lecture by Visiting Professor / Expert	Cultural Visit (Campus Museum / Heritage Site)
Day 3 (Wed)	Lecture + Seminar Discussion	Cultural Visit (Art / History / Architecture)
Day 4 (Thu)	Thematic Lecture + Workshop	Interactive Learning Activity / Guided Visit
Day 5 (Fri)	Innovation Session / Casebased Learning	Team Formation & Project Briefing
Weekend	Free time for networking / exploration	
Weekend	Free time for networking / exploration	

Meet Our PROGRAMME DIRECTORS

LEARN FROM LEADERS SHAPING SAFE AND FUTURE-READY CONSTRUCTION

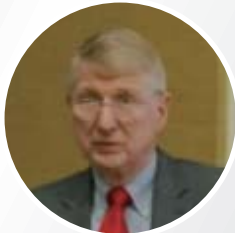


Prof. Dongping Fang

Academic Director of the Summer School
Professor, Department of Construction Management, Tsinghua University
President, International Council for Research and Innovation in Building and Construction (CIB)
Dean, The Institute for Future Urban and Infrastructure Research, Tsinghua University.

Professor Fang specializes in **construction safety and risk management and urban resilience**, with extensive experience in major infrastructure research and industry engagement. He will lead learning sessions and case studies on **real projects in China**, highlighting how safety, sustainability and innovation are integrated in modern construction.

Expertise Areas: Safety • Risk • Resilience



Prof. Roger Flanagan

Emeritus Professor, University of Reading, United Kingdom
Honorary Professor, Tsinghua University
Former Dean, School of Construction Management and Engineering, University of Reading, United Kingdom
Former President, Chartered Institute of Building (CIOB)

Professor Roger Flanagan is a leading authority in **international construction management**, with extensive academic and industry engagement worldwide. Having advised organizations such as the **World Bank** and **FIDIC**, he will bring real-world perspectives to sessions on **project leadership, complex delivery, and global best practices**.

Expertise Areas: Leadership • Complexity • Supply Chains



Module 1

China
in
Transition

Module 2

Global
Frontier
Topics

Module 3

Practice-
based
Learning

Module 4

Cross-
Cultural
Discussion

✓ Week 2 | Industry & Field Experience

Date	Morning Session(09:30-12:00)	Afternoon Session(13:30-16:00)
Day 6 (Mon)	Guest Lecture (Industry /International Organisation)	Local Company Visit
Day 7 (Tue)	Lecture on Frontier Topics	Cultural Exchange Workshop (Group Activity)
Day 8 (Wed)	TBD	City Landmark Visit / Industrial Heritage Park
Day 9 (Thu)	TBD	Beijing Cultural Visit / Landmark Experience
Day 10 (Fri)	Lecture by Visiting Professor /Expert	Lecture by Visiting Professor /Expert
Day 11 (Sat)	TBD	Technical Visit:Construction Site/Major Infrastructure Project
Day 12 (Sun)	Closing Ceremony	Farewell Lunch / Networking Event

Meet Our STRATEGIC PARTNER

Connecting the programme to
A Global Construction Research Network.

Founded in 1953, the International Council for Research and Innovation in Building and Construction (CIB) is a leading global network dedicated to advancing research, innovation, and collaboration in the built environment. CIB comprises over 500 member organizations from more than 80 countries, bringing together researchers, academics, industry leaders, and government representatives worldwide.

As a strategic partner of the Tsinghua Summer School, CIB provides strong academic support and international resource integration. Participants will have opportunities to engage with CIB experts, access cutting-edge research and industry insights, and connect with a global professional network shaping the future of construction and infrastructure development.

WHO SHOULD ATTEND

Designed for Future Leaders in the Global Construction Sector

The Tsinghua Summer School for International Construction is designed for a diverse, international cohort of participants who are interested in the future of construction, infrastructure, and the built environment.

Undergraduate Students

For motivated undergraduates seeking early exposure to the sector.

Key benefits:
global perspective, real project insights, career inspiration.

Postgraduate Students (Master's & PhD)

For postgraduate students aiming to deepen academic and professional understanding.

Key benefits:
advanced topics, expert dialogue, research-to-practice connection.

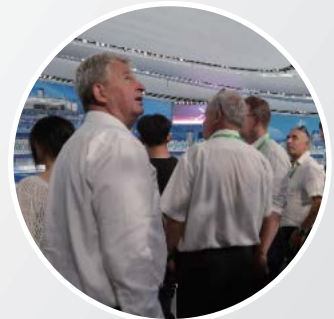
Early-career Professionals

For emerging professionals preparing for leadership in a global industry.

Relevant to:
contractors, consultants, project managers, developers and technology providers.



Guest lecture delivered by
Mr. Don Ward, the current
CEO of CIB (2024 cohort).



Site visit and exchange
with CIB board members
(2024 cohort).

The program brings together participants from academic and professional backgrounds, fostering cross-disciplinary dialogue, global perspectives, and leadership-oriented learning.

HOW TO APPLY

ELIGIBILITY

We welcome applications from motivated participants worldwide who are interested in construction, infrastructure and the built environment. A diverse cohort is encouraged to support cross-disciplinary learning and global perspectives.

Applicants may come from (but are not limited to):

- Construction Engineering / Civil Engineering ●
- Construction Management / Project Management ●
- Architecture / Built Environment / Urban Studies ●
- Computer Science / Digital Technologies (BIM, AI, data, smart construction) ●
- Other related or interdisciplinary fields ●

Applicants from other disciplines are also encouraged to apply, provided they demonstrate a strong interest in the construction and infrastructure sector.

APPLICATION PROCESS

Step 1 | Scan the QR code

Scan the QR code on the right to access the online application.

Step 2 | Complete the questionnaire

Fill in the short form and submit your information.

Step 3 | Initial screening

Applications will be reviewed and shortlisted candidates will be notified.

Step 4 | Follow-up confirmation

Selected applicants will be contacted by our team to confirm next steps.



Tuition & What's Included

Programme Fee

RMB 8,000 (per participant)

What's Included

- Academic lectures & workshops
- Site visits and cultural activities
- Programme materials and support
- **Accommodation on Tsinghua campus** (if applicable, tbd...)

Scholarship Opportunities

- **CSC Support (if eligible)**
Up to RMB 1,500 for international students studying abroad
- **Tsinghua Subsidy**
RMB 300 meal allowance for all participants
(Terms and availability apply.)

**SHALL YOU HAVE
ANY INQUIRIES
PLEASE CONTACT**

Ms. Luan @ Department of Construction Management, Tsinghua University
Phone: +86-10-62781511
Email: icpm@mail.tsinghua.edu.cn
Official Website:



THEY SAID

"I would absolutely recommend this program. In my view, it stands as one of the finest summer school programs offered by leading universities worldwide."

"I learnt a lot about various topics such as AI, circular economic and the varying industry practices in different countries."

"We have gained substantial knowledge and valuable insights through this enriching experience. Your support has been instrumental in our professional development"

.....



清华大学 土木水利学院
SCHOOL OF CIVIL ENGINEERING
TSINGHUA UNIVERSITY



International Council
for Research and Innovation
in Building and Construction