

Joint SCMT7 & ICSBS2027

Sustainable Building Materials, Buildings, and Cities for Future Generations

18–23 June 2027
Xi'an Jiaotong–Liverpool University (XJTU)
Suzhou, Jiangsu, China

Hosted by
Xi'an Jiaotong–Liverpool University
in partnership with
SCMT Conferences Ltd.
Co-sponsored by: ICE, ACI, ASCE



Websites: www.scmt-conferences.com/scmt-7 & <https://indico.xjtlu.edu.cn/event/33/>

* The websites will be updated regularly to provide the latest information about the conference.

Conference Secretariat: SCMT7.ICSBS2027@xjtlu.edu.cn

About Conference

Welcome

The Joint SCMT7 & ICSBS2027 Conference will provide an international forum to share advances in sustainable construction materials, technologies, buildings, and structures. The conference will give strong priority to construction materials, including low-carbon cementitious materials, concrete, recycled aggregates, industrial by-products, bio-based materials, advanced composites, durability, service-life performance, characterisation, circularity, and life-cycle assessment. It will also welcome contributions on sustainable structural design, smart construction, resilient buildings, urban planning and design, architectural science, AI and digital technologies, heritage adaptation, and education for sustainable development. The conference aims to connect materials, structures, architecture, urban systems, and intelligent technologies to support low-carbon, resilient, and sustainable built environments.

Conference Themes

Group 1 – Efficient & Sustainable Use of Construction Materials

- Low-carbon and alternative cementitious materials
- Recycled and secondary aggregates
- Sustainable, high-performance, and low-carbon materials
- Innovations in material manufacturing and processing

Group 2 – Technological Advances for Sustainable Practice

- Methods and tools for sustainable construction materials
- Advanced mix design approaches
- Effective waste and resource management
- Microscopy, microanalysis, and advanced characterisation techniques

Group 3 – Designing Structures & Buildings for Sustainability

- Service life design, life cycle assessment (LCA), and performance modelling
- Structural engineering solutions for sustainability
- Design for extreme or hot climates
- Structural health monitoring and retrofitting

Group 4 – Sustainable Urban Planning, Design & Resilient Cities

- Governance, policy, and planning tools for sustainable cities
- Green infrastructure, sponge cities, and nature-based urban solutions
- Public perception, acceptance, and implementation challenges
- Urban heat island mitigation and outdoor thermal comfort

Group 5 – Smart, Resilient & Intelligent Built Environments

- Building performance simulation and evaluation
- Artificial intelligence, digital twins, BIM/CIM, and data-driven design
- Digital fabrication, robotics, and advanced construction methods
- Smart buildings and intelligent built environments

Awards

Manuscripts selected for award will be published in special publication of the ICE Construction Materials journal (ICE Proceedings).

Sponsorship and Exhibition Opportunities

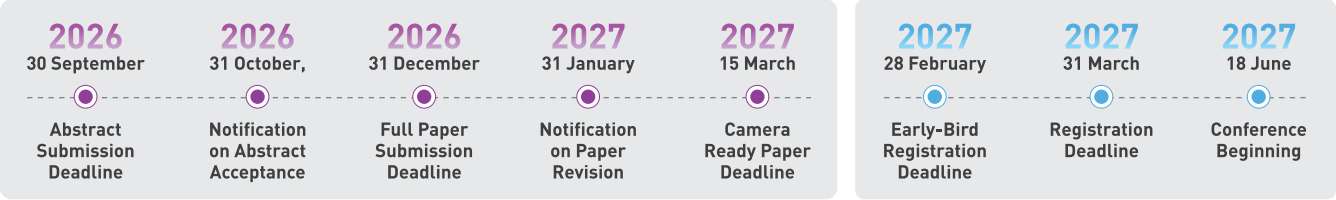
The conference welcomes sponsorship and exhibition support from companies, professional bodies, and industry partners. **Platinum, Gold, and Silver** packages include acknowledgement during the conference, logo/name visibility across conference materials and the website, display space, approved promotional-material distribution, and complimentary passes, depending on the sponsorship level. Exhibition opportunities are also available for organisations wishing to display relevant products, technologies, services, or research innovations. Further details are available on the conference website. Enquiries may be directed to the Conference Secretariat.

Accompanying Persons and After-Conference Programmes

An optional accompanying persons programme may be arranged for family members or guests, including shopping, museums, and visits to scenic attractions in Suzhou. Optional after-conference activities are planned for **22–23 June**, including technical site visits and cultural/city tours. Further details will be available on the conference website.

Conference programme, Key dates, Fees

Key Dates



Abstract Submission

Authors are invited to submit abstracts of less than 300 words (excluding title and author information) by 30 September 2026 via: <https://indico.xjtlu.edu.cn/event/33/>
All submissions will undergo a double-blind peer-review process conducted by the International Scientific and Technical Committee.

Registration Fee

Category	Early bird registration	Standard registration
Full Conference Registration		
Delegates from High-Income Countries *	450 GBP	525 GBP
Delegates from Upper-Middle-Income Countries *	375 GBP	450 GBP
Delegates from Low- & Lower-Middle-Income Countries *	225 GBP	300 GBP
Delegates from Chinese Universities	1400 RMB	2100 RMB
Student Registration		
International Students	225 GBP	300 GBP
Students from Chinese Universities	1000 RMB	1700 RMB
Other Participation Options		
Poster Presentation	375 GBP	450 GBP
Single Day Registration	225 GBP	300 GBP
Accompanying Persons (full registration)	225 GBP	300 GBP
Additional Manuscript	125 GBP	200 GBP

Note *: Based on the World Bank income classifications

The registration fee includes Welcome Reception, morning and afternoon refreshments, daily lunches, morning breakfast for presenting authors. Each registered participant will receive a printed book of abstracts and USB conference proceedings. One manuscript is covered by the full registration.

Conference Accommodation

Convenient hotel options are available within 3 km of the campus, with rates ranging from approximately 400–700 RMB/night. Exclusive corporate rates and a full hotel list are available on our website. Morning and afternoon bus transportation will be provided (TBC).

Conference Programme

June 18th (Friday), 2027	• 14:00-20:00 Registration and Welcoming Reception
June 19th (Saturday), 2027	• 08:00–12:00 Opening Ceremony, Plenary Lectures, Morning Parallel Technical Sessions • 14:00-17:00 Afternoon Parallel Technical Sessions • 18:00-20:30 Gala Dinner and Awards Ceremony
June 20th (Sunday), 2027	• 09:00–17:00 Parallel Technical Session
June 21st (Monday), 2027	• 09:00–17:00 Morning Parallel Technical Sessions Afternoon Closing Plenary Lectures and Closing Ceremony
June 22nd (Tuesday), 2027	• Technical Site Visit Day
June 23rd (Wednesday), 2027	• Sightseeing & Cultural Tour Day

About Suzhou and XJTLU

Discover Suzhou

- **UNESCO World Heritage Classical Gardens**
Nine classical private gardens inscribed from 1997 onwards, representing Chinese miniature landscape design.
- **Historic Water Towns**
Canals, bridges, old streets, traditional houses, and historic settlements reflect the city’s history, and cultural identity.
- **Modern Innovation District**
A leading centre for advanced manufacturing, high-tech industries, innovation, logistics, and international tourism.
- **Gateway to Shanghai**
Located in the Yangtze River Delta in southeastern Jiangsu Province, well connected to Shanghai and nearby cities by high-speed railways and expressways.



About XJTLU

Xi'an Jiaotong-Liverpool University (XJTLU) is an international joint-venture university founded by Xi'an Jiaotong University (Xi'an) and the University of Liverpool (UK). It combines Chinese and British higher education strengths and is the largest Sino-foreign cooperative university approved by China’s Ministry of Education.

About Design School, XJTLU

Design School, XJTLU, established in 2020, includes Civil Engineering, Architecture, Industrial Design, and Urban Planning and Design. The school provides English-taught, research-driven education in design, technology, management, and sustainable development. It supports sustainable and digital design through research institutes, laboratories, and strong industry partnerships.



Getting to XJTLU

