



International Top-level Forum on Engineering
Science and Technology Development
Strategy

First Announcement

High Performance Building Structure and Materials & Sustainability and Resilience of Civil Infrastructure (HPBSM & SRCI)

October 19-21, 2018

Chongqing, China

Over the past decades, civil engineering industry has made indispensable contribution to the economic and social development world-widely. While entering the new era, civil engineering is facing a string of increasingly severe problems such as depletion of natural resource, pollution of environment, lack of structural durability, low sustainability, inadequate recovery performance after major disasters, etc., which highlights the desperate need of developing high performance building structures and materials, and improving sustainability and resilience of civil infrastructure to promote greenization, industrialization and sustainable development of civil engineering.

Under such circumstances, International Top-level Forum on Engineering Science and Technology Development Strategy, centered on high performance building structure and materials, sustainability and resilience of civil engineering infrastructures (HPBSM & SRCI) will be held in Chongqing, China, in October 2018, co-hosted by Chinese Academy of Engineering (CAE), Chongqing University and Tsinghua University.

International Top-level Forum on Engineering Science and Technology Development Strategy is a series of international and prospective academic activities. The forum in 2018 will be held together with the second forum of International Forum on Civil Engineering Reform(IFCER).

Referring to the contents of the “CAE 2035 development strategy” on the high performance and sustainable civil engineering structures, whole life design of civil engineering structures, multiple disaster

prevention and mitigation of civil engineering structures and new structural materials, participants will discuss the development and application of high performance building structures and materials, sustainability and resilience of civil engineering infrastructures, and the future and innovation of education in civil engineering. This forum will put forward useful advices and blueprint for greenization, industrialization and sustainable development of civil engineering.

Warmly welcome all international and domestic researchers, scholars and engineers to participate in this forum.

Forum Topics

A. High Performance Building Structure and Materials(HPBSM)

- High performance structures, disaster prevention and mitigation
- Analysis theories and methods for complex structures
- Monitoring of Large-scale civil infrastructure
- High performance and multi-functionality cement-based composite materials
- High performance steel products
- High performance fiber reinforced composite materials

B. Sustainability and Resilience of Civil Infrastructure(SRCI)

- Deterioration, failure mechanisms and resilience of civil infrastructure
- New sensor systems design and standards
- Creation of new education systems under a global university consortium



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Key Dates

Registration: October 19, 2018
Conference: October 20-21, 2018

Registration and Fees

The registration fee for the conference is 300 USD. This fee covers admission to the technical sessions, welcome reception, lunches, coffee breaks and banquet. The fee for student and accompanying person is 150 USD, which includes the Welcome reception, the banquet.

Conference Venue and Accommodation

Kingworld Hotel Chongqing
Address: No. 9, Jinyuan Road, Jiangbei District, Chongqing

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