

The 15th International Conference on Wind Engineering (ICWE15)

(September 1-6, 2019 Beijing, China)

Co-organized by

Tongji University

Beijing Jiaotong University

State Key Laboratory of Disaster Reduction in Civil Engineering (SLDRCE)

Beijing Key Laboratory of Structural Wind Engineering and Urban Wind Environment

Wind Engineering Group, China Civil Engineering Society in Cooperation with International Association for Wind Engineering (IAWE)

Operated by

Journal of *Building Structure*

Introduction

The International Conference on Wind Engineering (ICWE) is the main event of International Association for Wind Engineering (IAWE). Currently ICWE is held every four years. The 15th International Conference on Wind Engineering (ICWE) to be held in Beijing, China in September 1-6, 2019 is the first ICWE in China within the history of more than 50 years of ICWE.

Tongji University and Beijing Jiaotong University proposed to co-host the conference. The conference is intended to gather researchers and engineering consultants who will share the latest results of research and successful case studies in which wind is a relevant engineering and design phenomenon. The field ranges from applied meteorology, fluid dynamics, wind energy, civil engineering and city planning to design of cladding and roofing.

We invite papers on all wind engineering topics. We welcome contributions discussing new data, methods and tools as well as design solutions in wind engineering.

Scopes and Topics (include, but are not limited to)

Aerodynamics: including buildings, bridges, cables, vehicles, and sports

Codification, norms and standards

Deposition and impacts from wind, sand, dust, rain, hail and snow

Education in wind engineering and wind energy

Extreme wind events and analysis

Field measurement and wind tunnel techniques

Loads due to hurricanes, tornadoes, and downbursts

Local wind loads on roofing and cladding

Meteorological phenomena

Natural ventilation

Stochastic modelling and simulation

Structural dynamics

Transport, dispersion and deposition of pollutants
Urban and pedestrian thermal and wind environments
Wind energy resource assessment
Wind loads on structures
Wind profiles
Wind-related disaster risk reduction
Wind-structure interaction
Wind-resistant design of structures

Key Dates

4-page extended abstract due	December 31, 2018
Notification of acceptance	before January 31, 2019
Full paper due	March 31, 2019
Notification of acceptance	before May 31, 2019
Early registration due	June 30, 2019
ICWE15	September 1-6, 2019

Committees

International Advisory Committee

Chair: Haifan Xiang(China)
Co-Chair: Ahsan Kareem(USA);
Secretary: Shuyang Cao(China)
Members: to be organized

International Scientific Committee

Chair: Yukio Tamura (China);
Co-Chair: Shuyang Cao (China);
Secretary: Ledong Zhu (China) &Bo Chen (China);
Members: to be organized

Organization Committee

Chair: Yaojun Ge (Tongji Univ.);
Co-Chair:Qingshan Yang (Beijing Jiaotong Univ.);
Secretary: Lin Zhao (Tongji Univ.) &Bo Li (Beijing Jiaotong Univ.);
Members: to be organized

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Please visit the website to submit papers.