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)

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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);
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Secretary: Ledong Zhu (China) & Bo Chen (China);
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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.