**International High-end Forum on Base for Introducing Talents of Civil Engineering Discipline**

**——1st International Workshop on High-performance Wind Energy System and Effective Operation of Wind Farms (HPWES) and Mitigating Wind-induced Disaster of Wind-sensitive Infrastructure (MWDWSI)**

(October 18-19, 2018, Chongqing, China)

**Sponsored by:**

Base for Introducing Talents of Discipline to University on High-performance Wind Energy System and Effective Operation (Chongqing University)

Base for Introducing Talents of Discipline to University on Wind-sensitive Infrastructure and Wind-induced disaster mitigation (Beijing Jiaotong University)

School of Civil Engineering, Chongqing University

**Organized by:**

Journal of *Building Structure*

**Supported by:**

Department of Science, Education, Culture and Health Experts, State Bureau of Foreign Experts Affairs

**Key Dates：**

Registration: October 19, 2018

Conference: October 20-22, 2018

**Venue:**

Chongqing Empark Grand Hotel

Address: (No.1, 2nd Branch, Jianxin North Road, Jiangbei District, Chongqing, China)

1. **Brief Introduction**

To advance the process of promoting Chinese colleges and universities to be world-class, “plan of innovation and intelligence-importing for some disciplines of Chinese colleges and universities (Plan 111)” has been jointly organized by Ministry of Education and State Administration of Foreign Experts Affairs since 2006. The plan will establish some disciplines frontiers with strong innovation ability, and upgrade the scientific renewal and peers competition of Chinese universities. Based on the annual academic meeting of Base for Introducing Talents of Discipline to University on High-performance Wind Energy System and Effective Operation (HPWES) and Base for Introducing Talents of Discipline to University on Wind-sensitive Infrastructure and Wind-induced disaster mitigation (MWDWSI), **International High-end Forum on Base for Introducing Talents of Civil Engineering Discipline** invites the domestic and foreign high-level experts to exchange the latest academic progresses. The theme of this forum involves characteristics of extreme winds, bluff body aerodynamics, Computational Fluid Dynamics (CFD), wind-resistant design of large-scale structures such as long-span structures and high-rise buildings, conditional assessment and health monitoring for wind sensitive structures, Wind resources assessment and wind power forecast, new high-performance structure of wind turbine, and disaster-resistant performance of large-scale wind power facilities under extreme conditions. Researchers and students in universities and research centers and research and educational institutes, relevant engineers and governors are all very welcome to join the forum.

1. **Keynote Lectures**

The official language of this forum is English, domestic and foreign experts who have confirmed their attendance are listed as follows (in an alphabetical order):

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| **Lecturer** | **Affiliation** | **Title** |
| Yoshida Akihito | Tokyo Polytechnic University | Field measurement of 5 stories house and its dynamic characteristics |
| Charalampos Baniotopoulos | University of Birmingham | On the Assessment of High Performance Wind Turbine Towers by means of Sustainability Criteria |
| Xin-Zhong Chen | Texas Tech University | Wind load effects of tall buildings: Inelastic response and base isolation |
| Richard George,James Flay | The University of Auckland | Advanced wind turbine research at the University of Auckland |
| Horia Hangan | University of western ontario | TBD |
| Guoqing Huang | Chongqing University | Non-stationary winds and wind load effects |
| Ahsan Kareem | University of Notre Dame | Model-based and data-driven stochastic simulation of wind effects |
| Yong Chul, Kim | Tokyo Polytechnic University | Wind-induced vibrations of solar wing system under various wind environments |
| Kenny C S Kwok | [The University of Sydney](http://www.baidu.com/link?url=Z23wXN99prWdZ7bKLHyqnSMN3A5Vy5YX7AKfyv5pKJG) | High-performance wind energy system for buildings in an urban environment |
| Soon-Duck Kwon | Chonbuk National University | Blockage corrections for wind tunnel tests of vertical axis wind turbines |
| Siu-Seong Law | Hong Kong Polytechnic University | Identification of nonlinear wind-induced aerodynamic forces on a SDOF system |
| Kincho H. Law | Stanford University | Optimization of wind farm layout for maximizing wind farm power production |
| Qiusheng Li | City University of Hong Kong | TBD |
| Shaopeng Li | Chongqing University | Three dimensional aerodynamic admittance of streamlined bridge girder |
| Min Liu | Chongqing University | Bias and sampling errors in probabilistic estimation of short-term wind turbine extreme loads by moment-based Hermite model |
| Jijian Lian | Tianjin University | New foundation structure, installation technology and equipment for offshore wind turbine |
| Jakob Mann | Technical University of Denmark | Lidars for research and control of wind turbines |
| Kishor Mehta | Texas Tech University | Technical challenges in wind farm development |
| Giuseppe Piccardo | University of Genova | Energy production and structural behaviour of small size wind turbines in urban environment |
| Theodore Stathopoulos | Concordia University | Urban Wind Energy |
| Giovanni Solari | University of Genova | Dynamic response of structures to thunderstorm outflows |
| Billie F. Spencer, Jr. | University of Illinois at Urbana-Champaign | TBD |
| Yukio Tamura | Chongqing University | TBD |
| You-Lin Xu | Hong Kong Polytechnic University | Optimal variable pitch for high-solidity straight-bladed vertical wind turbines |
| Feng Xu | Beijing Jiaotong University | Large-scale simulation of buoyancy induced flows on a roof |
| Yingli Xuan | Tokyo Polytechnic University | Verification of nonphysical attenuation of artificially generated inflow turbulence based on Lattice Boltzmann Method with a LES |
| Qingshan Yang | Chongqing University | Main contents of the wind load standard of roof structures |
| Bowen Yan | Chongqing University | Influence of building shapes and building layouts on pedestrian wind environment around group of high-rise buildings |
| Na Yang | Beijing Jiaotong University | Experimental investigation for the fatigue performance and damage estimation of screw-fastened light-gauge-steel sheets |
| Dai Zhou | Shanghai Jiaotong University | Aero-hydro coupling dynamics and characteristic optimization of offshore floating wind turbine structural system |
| Nan Zhang | Beijing Jiaotong University | Aerodynamic behavior and derailment simulation of high-speed vehicle |
| Xin-Qun Zhu | University of Technology Sydney | Condition assessment of heritage timber buildings in operational environments |

1. **Registration**
2. **Registration Fee:** 2000 RMB/person (including collection of keynote lectures, meals, tea break, **site** fee and attendance fee etc.)
3. **Registration:** please visit the official website：[www.buildingstructure.cn](http://www.buildingstructure.cn)，download and fill out the meeting receipt in the left bulletin board，see the attachment, and send it to：jzjg2016@qq.com before September 27, 2018. The organization committee will reply within 3 working days. If no reply is received, please contact the organization committee.
4. **Payment:**

**Payee name：**Asia-Pacific Institute of Construction Scitech Information Co., Ltd.;

**Bank name:** East Sanhuan Sub-branch, Beijing, China Merchants Bank

**Bank Account number:** 110908001310606;

**Bank Address：**No.1 East Sanhuan North Road, Chaoyang District, Beijing China

**Swift:** CMBCCNBS

**Remittance message:** HPWES + "Participant’s name"

**Reminder:** Please try to use the bank remittance (counter transfer, online bank and mobile bank), we suggest not to use Ali-pay remittance (due to Ali-pay system will cause incomplete remittance information to delay entry and invoice issuing).

1. **Conference Venue:** EMPARK GRAND HOTEL (No.1, 2nd branch, Jianxin North Road, Jiangbei District, Chongqing), large-bed room and standard room are 450 RMB / room / day (breakfast included). The accommodation fee will be paid directly to the hotel after the registration on conference site, and cost of accommodation will be covered by the attendance. The participants can also book their own accommodation at other hotels.

**Special Notice**

1. Regarding invoice matters: Please check with our financial department before filling out the receipt form to check if you need a special invoice to be issued for VAT. If necessary, please provide accurate VAT invoice information, including: invoice title (name), tax number, address, telephone, bank account, account number. If you do not provide the VAT special invoice information, a VAT general invoice will be issued by default. After the invoice is issued, it cannot be returned or changed.
2. Please use bank remittance (counter transfer, internet banking or mobile bank). We suggest that you do not use Alipay remittance (because the Alipay system gives incomplete remittance information, which will delay account and invoice)
3. Deadline: Please submit the receipt form and pay the conference fee before **27th, September, 2018**. Since October is the tourist season in Chongqing, the hotel reservation can be limited. It is necessary for the representatives to inform conference affair to reserve the housing. Please fill in the registration form and make sure that the receipt form must be returned and registration fee must be paid before **September 27th, 2018** to reserve the room in advance. The accommodation fee should be paid directly to the hotel at the conference site, and the cost will be covered by the attendance. If you miss the expiry date, please make your own reservation.
4. **Contact Information**

**Journal of *Building Structure***

Qiong Wu: 010-57368787 (Registration inquiry);

Na Li: 010-57368783，15801601545 (Conference affairs and business promotion);

Bin Wang: 010-57368786，18500192668 (Conference affairs and business promotion);

Fax: 010-57368781;

Email:jzjg2016@qq.com (registration only);

Website: [www.buildingstructure.cn](http://www.buildingstructure.cn).

**Chongqing University**

Bowen Yan: 15683789537（Conference consultation）

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| **Attachment:** **HPWES return receipt form (fill in the complete information then send to: jzjg2016@qq.com)** | | | | | | |
| **Name of the representative** | **Tenure unit** | | **Title or Duty** | | **Mobile** | **Email** |
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| Remittance Information | | The way of remittance (Bank, WeChat) | | |  | |
| Remittance time (Format: year / month / day) | | |  | |
| Remittance unit (remittance in person's name, please indicate the remittance) | | |  | |
| Remittance amount (yuan) | | |  | |
| If you need the invoice,please fill in the information. | | Invoice sheet number (no special requirement for a total amount) | | |  | |
| Invoice title ( Please be accurate ) | | |  | |
| Duty paragraph | | |  | |
| Invoice content | | | Conference fee | |
| Invoice receiver information | | Name | | |  | |
| Address (Give all details to ensure your mail is not lost) | | |  | |
| Mobile phone | | |  | |
| If you need to issue a special invoice for VAT, fill in the relevant information on the right; **If you do not fill in the right blank column, VAT invoice will be issued by default, and it can not be replaced or returned after issuing.** | | Receipt of the invoice (name) | | |  | |
| Duty paragraph | | |  | |
| Address | | |  | |
| Telephone | | |  | |
| Bank of deposit | | |  | |
| Account number | | |  | |
| Do you need a conference service group to make the reservation for you? | | Be sure to fill in "need" or "do not need", no reservation for one without filling in any information (Note: if you want to make a reservation, please register and pay before September 27th). | | |  | |
| Booking hotel room type and number  Standard rooms and large bed rooms are 450 yuan / day / day (including breakfast). | | Date of stay (Format: year / month / day) | | | **2018/10/** | |
| Date of check-out (Format: year / month / day) | | | **2018/10/** | |
| Room type (directly fill in the required number of rooms, such as 0, 1, 2, 3) | | king size bed room |  | |
| Standard room |  | |

Note:

1. Prepaid representatives (with remittance voucher) collect invoices at the conference site.
2. On-site payment accepts cash only. Invoice will be sent by courier 15 days after the meeting.
3. For convenience of communication, we suggest you bring your business card.