

# International Workshop on Wind Effects on Buildings and Urban Environment

March 10 ~ 12, 2019, Atsugi Campus  
Tokyo Polytechnic University

## Organized by

Wind Engineering Joint Usage / Research Center  
Tokyo Polytechnic University

## Co-organized by

Japan Association for Wind Engineering

## Supported by

The Society of Heating, Air-Conditioning and  
Sanitary Engineers of Japan  
The Meteorological Society of Japan  
Architectural Institute of Japan  
Japan Society of Civil Engineering

## Introduction / Objectives

During last 6 years, we have been conducting many joint international and domestic researches actively using our experimental facilities and virtual database, and now we are planning to hold the 2<sup>nd</sup> international workshop to summarize the research activities for last 6 years. We have collaborated more than 22 foreign institutes in Canada, China, Taiwan, Hong Kong and so on, and 32 domestic institutes. In the 2<sup>nd</sup> international workshop, for a better understanding of structural and environmental wind engineering by exchanging and sharing of



the latest information, knowledge and achievements, transdisciplinary sessions from structural and environmental fields will be provided, as well as independent general sessions from structural and environmental wind engineering.

## Topics

- Transdisciplinary topics
- Full-scale simulation
- Extreme wind, downburst and tornado
- Bluff-body and dynamic characteristics
- Ventilation in buildings and urban areas
- Human thermal comfort
- Thermal/wind environment
- Energy saving of building by natural energy

## Keynote Speakers

Professor G. Solari (University of Genoa, Italy)  
*Title: Detection, simulation, modelling and loading of thunderstorm outflows to design wind-safer and cost-efficient structures*



Professor Y. Li (Hong Kong University, Hong Kong)  
*Title: Heat dome and urban warming*

March 10 ~ 12, 2019, Atsugi Campus, WE-JURC, TPU

## Organizing Committee

Y. Tamura, Program Coordinator of WE-JURC, TPU  
Chongqing University  
R. Yoshie, President of Tokyo Polytechnic University  
M. Matsui, Director of WE-JURC, TPU  
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H. Yamada, Yokohama National University

## Contacts

Wind Engineering Joint Usage / Research Center  
Tokyo Polytechnic University  
1583 Iiyama Atsugi Kanagawa 243-0297  
[jurc\\_office@arch.t-kougei.ac.jp](mailto:jurc_office@arch.t-kougei.ac.jp)  
[kimyc@arch.t-kougei.ac.jp](mailto:kimyc@arch.t-kougei.ac.jp)  
[y.xuan@arch.t-kougei.ac.jp](mailto:y.xuan@arch.t-kougei.ac.jp)



## Program

### March 10 (Sunday), 2019

- Technical Tour
- Ice Breaker Reception

### March 11 (Monday), 2019

- Opening Address
- General Report of 6 Year's Collaborative Activity
- Keynote Session I
- Transdisciplinary Session I
- General Session I and II
- Transdisciplinary Session II

### March 12 (Tuesday), 2019

- Keynote Session II
- Transdisciplinary Session III
- General Session III and IV
- JURC Activity Report Session (Open)
- JURC Steering Committee Session (Closed)



## Registration

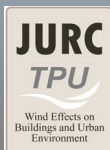
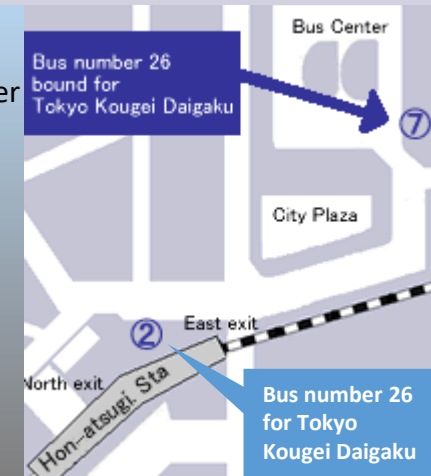
- One-page abstract submission due: January 15, 2019.
- Early-bird and on-site registration are possible. For early-bird, mail to [jurc\\_office@arch.t-kougei.ac.jp](mailto:jurc_office@arch.t-kougei.ac.jp).
- Standard registration before Nov. 30 is 5,000JPY and after Nov. 30 is 7,000JPY. Student registration is 3,000JPY. Please pay at registration desk (cash only), and receive a name tag, pen, and handout.
- You can have lunch at the cafeteria or buy a lunch box at a cooperative store in campus.
- Feel free to take a drink in the break room at Student Hall.

## Access

- Odakyu Odawara Line  
Hon-Atsugi Station



- North exit of Hon-Atsugi station  
Bus Stop 2 in front of SURUGA Bank or Bus Stop 7 at Atsugi Bus Center  
Bus Number 26 for Tokyo Kougei Daigaku, Last stop  
(About 20min. ride)
- For more information, please visit the following address.  
<https://www.t-kougei.ac.jp/e/about/atsugi.html>



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