

## Program of International Workshop on Infectious Disease and Airflows around Human Body

**Feb. 21, 2022**

Japan time	Speakers' local time	Presentation
10:30~10:40		Opening speech (Director K. Mizutani)
Session 1		Session chair: Y. Xuan, Y.C. Kim
10:45~11:25	9:45~10:25 (China)	【Keynote 1】 Short- and long-range transmission of SARS-CoV-2 Prof. Yuguo Li (University of Hong Kong)
11:30~12:10	12:30~13:10 (Australia)	【Keynote 2】 Will COVID-19 change the way we control airborne transmission of respiratory infections? Distinguished Prof. Lidia Morawska (Queensland University of Technology)
12:10~13:30		Lunch break
Session 2		Session chair: Y.C. Kim, Y. Xuan
13:30~14:10	12:30~13:10 (China)	【Keynote 3】 Airflow and airborne diseases transmission characteristics in the microenvironment of a human body Prof. NaiPing Gao (Tongji University)
14:15~14:35	14:15~14:35 (Japan)	【General 1】 Airflow path design of engineered natural ventilation utilizing wind catcher Prof. Kyosuke Hiyama (Meiji University)
14:40~15:00	14:40~15:00 (Japan)	【General 2】 Evaluation of cross-ventilation characteristics of wind catcher by local dynamic similarity model Takeda Masanari (Kanto Gakuin University)
15:05~15:25	14:05~14:25 (China)	【General 3】 Multi-Vent Module-Based Adaptive Ventilation to Reduce Cross-Contamination Among Indoor Occupants Haotian Zhang (Beijing University of Technology)
15:30~15:45		Break
Session 3		Session chair: Y. Yamamoto, K. Hiyama
15:45~16:25	15:45~16:25 (Japan)	【Keynote 4】 Countermeasures against the SARS-CoV-2 in built environment Prof. U Yanagi (Kogakuin University)
16:30~17:10	10:30~11:10 (Estonia)	【Keynote 5】 Ventilation as engineering control measure to reduce COVID-19 airborne transmission – REHVA guidance Prof. Jarek Kurnitski (Tallinn University of Technology)
17:10~		Group photo 1 (Y. Xuan)

**Feb. 22, 2022**

Japan time	Speakers' local time	Presentation
Session 4		Session chair: Y.C. Kim, Y. Xuan
9:45~10:25	8:45~9:25 (China)	<b>【Keynote 6】</b> Key droplet sizes mediating the airborne and droplet-borne transmission of respiratory infections Prof. JianJian Wei (Zhejiang University)
10:30~11:10	10:30~11:10 (Japan)	<b>【Keynote 7】</b> Assessment of exposure to infectious aerosol particles using a respiratory aerosol simulator Prof. Masayuki Ogata (Tokyo Metropolitan University)
11:15~11:30		Break
Session 5		Session chair: R. Yoshie, A. Yoshida
11:30~11:50	10:30~10:50 (China)	<b>【General 4】</b> Predicting Indoor Temperature Distribution Based on Contribution Ratio of Indoor Climate (CRI) and Mobile Sensors Zihan Zang (Beijing University of Technology)
11:55~12:15	11:55~12:15 (Japan)	<b>【General 5】</b> Wind pressure coefficient prediction for building in densely area by neural network Taku Kikuchi (Kanto Gakuin University)
12:20~14:00		Lunch break
Session 6		Session chair: M. Matsui, R. Yoshie
14:00~14:20	14:00~14:20 (Japan)	<b>【General 6】</b> Time-resolved stereo PIV measurement of airflow around building model block Dr. Keigo Nakazima (Kajima Corporation)
14:25~14:45	13:25~13:45 (China)	<b>【General 7】</b> Effects of height stratification on the drag force of buildings with height variation Prof. Biao Li (Harbin Institute of Technology)
14:50~15:10	14:50~15:10 (Japan)	<b>【General 8】</b> Field measurement and wind tunnel experiment of gas dispersion on Atsugi campus of TPU Takumi Tachibana (Wind Engineering Institute)
15:15~15:30		Break
Session 7		Session chair: K. Mizutani, Y. Yamamoto
15:30~15:50	15:30~15:50 (Japan)	<b>【General 9】</b> Evaluation of Draft in Thermal Comfort Standards Using Thermal Manikin Prof. Junta Nakano (Tokai University)

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Session 7		Session chair: K. Mizutani, Y. Yamamoto
15:55~16:15	15:55~16:15 (Japan)	<b>【General 10】</b> Study on heat transfer coefficient of evaporation by part of human body Prof. Shinya Morikami (National Institute of Technology, Toyota College)
16:20~16:40	16:20~16:40 (Japan)	<b>【General 11】</b> Local Convective Heat Transfer Coefficient of Human Body Exposed to Steady Airflow Prof. Momoi Yoshihisa (University of Fukui)
16:45~17:05	16:45~17:05 (Japan)	<b>【General 12】</b> Experimental determination of thermal performance of cool fiber clothing Prof. Aya Hagishima (Kyushu University)
17:10~		Closing speech (R. Yoshie) & Group photo 2 (Y. Xuan)