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Shengwei Zhu is a visiting scholar in Mechanical Engineering Department at the University of Maryland and Cluster of Sustainability in the Built Environment (CITY). His research interests are focused on the man-made environments of different length scales, including (1) thermal comfort and air quality, (2) airborne infection control, (3) ventilation design, and (4) numerical modelling by CFD. Dr. Zhu received his Ph.D. (2005) and M.Eng. (2002) with a major in Built Environment at the University of Tokyo, Japan, and B.Eng. (1996) in Mechanical Engineering at Zhejiang University, China. He was awarded Hans Christian Ørsted Postdoctoral Fellowship at Technical University of Denmark in 2006 and Environmental Fellowship at Harvard University Center for the Environment in 2008. Currently he is a professor in School of Architecture and Urban Planning, Huazhong University of Science and Technology. He also serves as the oversea researcher of Institute of Industrial Science, the University of Tokyo. Dr. Zhu has published more than 90 scientific articles until now, including 36 papers in international journals and conferences.