

## Masayuki Ichinose



Associate Prof. Masayuki Ichinose is organizing research laboratory for building environmental engineering at department of architecture and building engineering, Tokyo Metropolitan University that is only public university organized by Tokyo Metropolitan Government. He has carried out significant research collaborations with industry to develop new products for building facade, advanced lighting/HVAC system and conduct investigation of actual building performance regarding built environment and energy efficiency. A Prof. Ichinose has won a number of prestigious scientific awards, including the First Place ASHRAE Technology Award in the Commercial Buildings, "YKK80 Building" for commissioning that is the first project got this award in Region XIII. He is currently keen to collaborate with community of Asia Pacific with respect to education and research project for technology transfer and internationalization under the intensive support of Tokyo Metropolitan Government.

### Bio

2005, Graduate Tokyo Metropolitan University Ph.D.

2005~2013, Assistant Professor for Tokyo University Science, University of Tokyo, Tokyo Metropolitan University

2013~, Associate Professor, Tokyo Metropolitan University

### Principal Award

2011, Encouragement Prize of AIJ 2011, "Observational Study on Perimeter-Free HVAC System Integrated with Building Envelope System"

2017, First Place ASHRAE Technology Award in the Commercial Buildings, "YKK80 Building"

### Research Thesis

Optimization of heat gain and daylighting of the integrated building facade

Commissioning of HVAC system for office building

Spectral solar radiation analysis for Urban Heat Island

### Invited Lecture

Vision of integrated sustainable building design, ARCHITECTURE. ENERGY. JAPAN.  
2012: University of California, Berkeley, CA USA, Aug. 2012

Elements of Integrated Sustainable Architecture for Asian Cities, Seminar at National  
University of Singapore, Singapore, Jan. 2014

Japanese Cutting Edge Technologies for the Real Green Building, International Greentech &  
Eco Products Exhibition & Conference Malaysia, Kuala Lumpur Malaysia, Sep. 2015