

Yan Biao 顏彪

Postdoctoral Scholar

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Appointment

09/2019–Present

Postdoctoral Researcher, the State Key Laboratory of Internet of Things for Smart City, University of Macau

01/2018–Present (position kept since Sep 2019)

Lecturer, School of Civil and Transportation Engineering, Guangdong University of Technology (Head of Built Environment and Equipment Engineering Laboratory, since Apr 2019)

Education

09/2013–12/2017, **PhD** in Civil Engineering, Sichuan University

09/2008–06/2011, **M.S.** in Heating supply & Gas-fired supply & Ventilation & Air-conditioning Engineering, Xihua University

09/2004–06/2008, **B.S.** in Building Environment & Equipment Engineering, Xihua University

Selected Honors and Awards

National Scholarship for PhD Students, Ministry of Education of China, in 2015 and 2014

Outstanding Contribution in Reviewing, Elsevier, in 2016 and 2014

Journal Publications

[1] **Biao Yan**, Enshen Long, Xi Meng. "Dynamic Thermal Reaction Analysis of wall structures in Various Cooling Operation Conditions", *Energy Conversion and Management*, 105 (2015) 872–879.

[2] **Biao Yan**, Enshen Long, Xi Meng, Yuanze Zhang, Dongqi Hou, Xin Du. "Influence of user behavior on unsatisfactory indoor thermal environment", *Energy Conversion and Management*, 86 (2014) 1–7.

[3] Xi Meng, **Biao Yan**, Yanna Gao, Jun Wang, Wei Zhang, Enshen Long. "Factors affecting the in situ measurement accuracy of the wall heat transfer coefficient using the heat flow meter method", *Energy and Buildings*, 86 (2015) 754–765.

[4] Xi Meng, Yanna Gao, Yan Wang, **Biao Yan**, Wei Zhang, Enshen Long. "Feasibility experiment on the simple hot box-heat flow meter method and the optimization based on simulation reproduction", *Applied Thermal Engineering*, 83 (2015) 48–56.

[5] Xi Meng, Tao Luo, Ziyun Wang, Wei Zhang, **Biao Yan**, Jinlong Ouyang, Enshen Long. "Effect of retro-reflective materials on building indoor temperature conditions and heat flow analysis for walls", *Energy and Buildings*, 127 (2016) 488–498.

Teaching

Undergraduates:

Green Building and Building Energy Efficiency, Air Cleaning Technology, Introduction to Specialty Frontiers, CAD in HVAC, Air Cleaning Technology, Engineering Management of

HVAC

Postgraduates (Co-teaching):

New Technology of HVAC

Professional Services & Activities

Professional Memberships:

Chinese Association of Refrigeration (Senior member), since Feb 2019

Guangzhou Construction Industry Association (Expert) , since Mar 2019

Peer Reviewer:

Energy Conversion and Management

Case Studies in Thermal Engineering