

20 March 2017

New Assistant Professor Announced – Dr. Cao Sunliang

Dr. Cao Sunliang
Assistant Professor
Department of Building Services Engineering

The Department of Building Services Engineering (BSE) is pleased to announce that Dr. Cao Sunliang has been appointed the new Assistant Professor of BSE, starting on 20 March 2017.

Dr. Cao Sunliang obtained his Doctor of Science (Technology) from the School of Engineering at Aalto University, Finland in 2014. He obtained his master's degree (MSc) from the University of Jyväskylä, Finland in 2010, while his master's thesis project was conducted at the Norwegian University of Science and Technology (NTNU), Norway. Before joining The Hong Kong Polytechnic University, Dr. Cao was successively employed as a research assistant, doctoral researcher and postdoctoral researcher at Aalto University since 2010. In January and February 2016, Dr. Cao also worked as a Visiting Scientist at the Fraunhofer Institute for Solar Energy Systems ISE (Fraunhofer ISE), Germany, for a joint research between Fraunhofer ISE and Aalto University.

Dr. Cao's main research expertise is in the fields of low-energy and zero-energy buildings, advanced on-site renewable energy systems (solar heating and cooling, PV, ground source heat pump, micro-CHP, and micro-wind turbine), building integrated energy storage solutions, HVAC technologies, and the integrations between buildings, hybrid smart grids and new energy vehicles. He participated in the International Energy Agency (IEA) "Solar Heating and Cooling Programme (SHC) Task 44"/ "Heat Pump Programme (HPP) Annex 38" (Solar and Heat Pump Systems) and the IEA "Energy in Buildings and Communities Programme (EBC) Annex 67" (Energy Flexible Buildings) as a Finnish representative and a Finnish observer, respectively. So far, Dr. Cao has published more than 20 scientific publications, including 13 high-IF (impact factor) international SCI journal papers.