

25 April 2016

BSE Seminar: Indoor Environmental Solutions for Improving Occupant's Comfort, Health and Performance on 20 April 2016

The Department of Building Services Engineering (BSE) of The Hong Kong Polytechnic University (PolyU) held a public seminar titled "Indoor Environmental Solutions for Improving Occupant's Comfort, Health and Performance" on 20 April 2016. Dr. Josephine LAU from the Durham School of Architectural Engineering and Construction, University of Nebraska-Lincoln was invited to be the speaker. It attracted more than hundred professionals and research students attending the seminar.

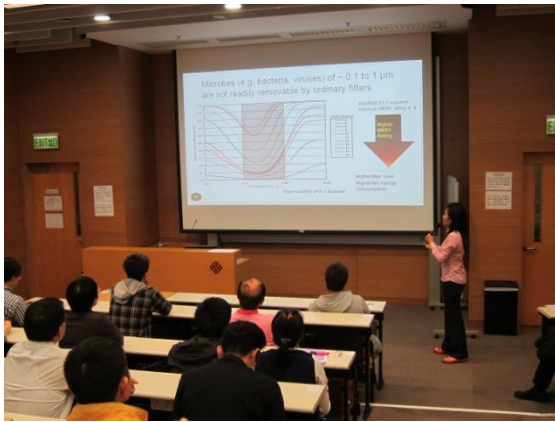


Full house of participants including professionals and research students

After welcomed and introduced by Professor S.K. TANG from BSE Department, Dr. LAU started her talk by highlighting various research projects that were carried out by her and her research team in the past 10 years, including:

- (1) CO₂ based Demand Control Ventilation;
- (2) Applying Upper Room Ultraviolet Germicidal Irradiation (UVGI) in Schools with Real-time Bioaerosol Monitoring and
- (3) School Environmental Factors on Students Achievements.

After the talk, there was a 10-minute Q&A session with active involvement. At the end of the seminar, Professor TANG presented a souvenir to Dr. LAU to thank for her sharing.



Dr. LAU shared her valuable insights to participants



Professor TANG presenting souvenir to Dr. LAU

Dr. LAU is an Associate Professor in University of Nebraska-Lincoln – Durham School of Architectural Engineering and Construction. She has expertise in air-cleaning technologies, indoor air quality simulation and measurement, and energy modeling and monitoring for various mechanical ventilation systems and different building types. She has written over 30 peer-reviewed publications related to indoor air quality and energy efficiency of ventilation systems. She graduated with a Ph.D. in Architectural Engineering from Pennsylvania State University, PA. She received her M.S. of Mechanical Engineering from Purdue University, IN; and was originally from Hong Kong, and graduated from PolyU.

Dr. LAU received Henry Y Kleinkauf Family Distinguished New Faculty Teaching Award in 2013 and Architectural Engineering Mentoring Award in 2011.

Besides, she also served as the Associate Editor of the Journal of Architectural Engineering (JAE) and the Deputy and Regional Editor of the Journal Indoor and Built Environment (IBE).