



Keep note

Plenary Session 2

Chairs: Jørn Toftum and Hui Zhang

3

Title: State of the Art of HVAC Technology in Europe
Time: Sunday, July 14, 08:30-09:15

Room 1 (Hall)



Bjarne W. Olesen

Bjarne Olesen received his Master's degree in 1972 and PhD degree in 1975, both from Technical University of Denmark (DTU). He was a Research Scientist at the Laboratory of Heating and Air Conditioning at DTU from 1972 to 1990, a part-time affiliated as product manager at Brüel & Kjaer from 1978 to 1992, a Senior Research Scientist in the College of Architecture at Virginia Tech from 1992 to 1993, and the Head of Research & Development at UPONOR-VELTA GmbH KG & Co., Norderstedt, Germany from 1993 to 2004. Olesen is now a full professor in Indoor Environment & Energy at the Technical University of Denmark and director of the International Centre for Indoor Environment and Energy at DTU. He has been awarded the Ralph Nevins Award (1982), Distinguish Service Award (1997), Fellow Award (2001) and Exceptional Service Award (2006) from ASHRAE. Honorary member of AICARR (Italy), SHASE (Japan) and VDI-TGA (Germany). Chivalric Order of Dannebrog, from the Danish Queen (2012). Doctor Honoris Causa, Slovak University of Technology, ASHRAE President 2017-2018. His main research activities are related to thermal comfort, ventilation and radiant heating and cooling systems. He is active in several CEN-ISO standard committees regarding indoor environment and energy performance and HVAC systems. He has published more than 400 papers including more than 100 in peer reviewed journals.

4

Title: How to Create Comfortable and Healthy Indoor Environment? — A New Challenge for Sustainable Building
Time: Sunday, July 14, 09:15-10:00

Room 1 (Hall)



Yingxin Zhu

Yingxin Zhu is a professor and Associate Dean of School of Architecture at Tsinghua University, China. She is also Associate Head of Key Lab of Ministry of Education on Eco-Urban Planning and Green Building Research, Chair of National Steering Committee for Higher Education in HVAC, and Vice-Chair of National Board of Accreditation for HVAC Education. Zhu is also a fellow of ISIAQ and IBPSA. She is a leader (operative agent) of IEA-EBC Annex 69 "Strategy and Practice of Adaptive Thermal Comfort in Low Energy Buildings". Zhu has published 70 research papers in international journals and over 100 research papers in peer reviewed journals in Chinese. She has received a number of awards for green/energy efficient building research and practice, including an Asia-Pacific Heritage Award for Culture Heritage Conservation by UNESCO for Meridian Gate Exhibition Hall of the Palace Museum in 2005, first prize of Green Building Innovation from China's Ministry of Construction in 2007, and two First Prizes of Science and Technology from Beijing Municipality (one for Sustainable public building design method in 2018 and another one for Green Olympic Building Assessment System) in 2005. In May 2018, she received Inouye Asia International Award from Japanese SHASE. She was honored as 'Distinguished Professor for Teaching' by Education Commission of Beijing Municipality in 2008.