

Keynote Speakers



Professor
Bjarne W. Olesen

Bjarne W. Olesen, Professor, Ph. D, Dr.H.C., R. International Centre for Indoor Environment and Energy Technical University of Denmark, Department of Civil Engineering Nils Koppel Allé, DTU, Building 402, DK-2800 Kgs. Lyngby. Master's degree in civil engineering, 1972. Ph.D., Laboratory of heating and Air Conditioning, Technical University of Denmark, 1975. In the period 1972-1990 Research scientist at the Laboratory of Heating and Air Conditioning. Part time affiliated as product manager at Brüel & Kjaer 1978-1992. Senior Research Scientist, College of Architecture, Virginia Tech. in the period 1992-1993. Since 1993 until January 2004 Head of Research & Development at UPONOR-VELTA GmbH KG & Co., Norderstedt, Germany. Since January 2004 full professor in Indoor Environment & Energy at the Technical University of Denmark and director of the International Center for Indoor Environment and Energy until 2017, Technical University of Denmark. 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 2017-18. His main research activities are related to thermal comfort, ventilation and radiant heating and cooling systems. Is active in several CEN-ISO standard committees regarding indoor environment and energy performance of buildings and HVAC systems. Has published more than 400 papers including more than 100 in peer reviewed journals.

Title: Do international standards take into account diversity when specifying requirements for indoor environmental quality?

Professor Runming Yao is currently a Professor of the Sustainable Built Environment at the University of Reading, a Lead Academic of Design and Management of Sustainable Built Environments at the School of the Built Environment; and Global Expert Professor at Chongqing University. She is a Fellow of the Chartered Institution of Building Services Engineers (FCIBSE), a Member of American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE), a Fellow of the Chartered Institute of Building(FCIOB), and a Fellow of Higher Academy(FHEA). She is a peer review College Member of the UK Engineering and Physical Sciences Research Council (EPSRC). She has been a referee for numerous research councils including Netherlands (NOW), Portugal (FCT) Natural sciences and Engineering Research Council of Canada(NSERC), Government of Canada Research Program. Ministry of Science and Technology China (MOST) and, Hong Kong (RGC). She has a broad research interests in the sustainable built environment with focuses on energy efficiency and environment in buildings. She has published widely in the areas of thermal comfort and wellbeing, building performance assessment, energy modelling, urban microclimates, and HVAC system and energy management. She currently leads a large national research R&D project and UK China research grant on the solutions of heating and cooling of buildings in the Yangtze River region, (125 million Yuan). She is Co-Editor-in-Chief of the Journal of Building Engineering (JoBE).



Professor
Runming Yao

Title: Integrated solutions for low carbon climate-responsive heating and cooling