

Efficient Building Design

BIOGRAPHIES



Qingyan "Yan" Chen, Ph.D

James G. Dwyer Professor of Mechanical Engineering
Editor-in-Chief | "Building and Environment"
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Dr. Qingyan "Yan" Chen is the James G. Dwyer Professor of Mechanical Engineering at Purdue University, USA and Changjiang Chair Professor at Tianjin University, China. He serves also as the Editor-in-Chief of the international journal "Building and Environment". Chen was Principal Director of FAA Center of Excellence for Airliner Cabin Environmental Research in the United States and Founding Director of Tianjin Key Laboratory of Indoor Air Environmental Quality Control in China. Chen has published three books and over 400 journal papers, book chapters and conference papers and has been invited to deliver over 150 lectures internationally.

Google Scholar shows that his journal publications have been cited by more than 12,000 times and his H-index is 62. Dr. Chen has received the Distinguished Service Award from International Building Performance Simulation Association (IBPSA), the Oversea Chinese Contribution Award (Creative Talents) from All-China Federation of Returned Overseas, the John Rydberg Gold Medal from the Scandinavian Federation of Heating, Ventilating and Sanitary Engineering Associations, and the Willis J. Whitfield Award from the Institute of Environmental Sciences and Technology, Distinguished and Exceptional Service Awards from ASHRAE and CAREER award from the National Science Foundation in the United States. He is a fellow of ASHRAE and ISIAQ.



Arsen Melikov, PhD

indoor environment on peoples' health, comfort and performance, | Department of Civil Engineering
Technical University of Denmark

Professor Melikov is leading the advanced air distribution and microenvironment research at the International Centre for Indoor Environment and Energy, Technical University of Denmark. His teaching and research areas cover advanced air distribution in rooms and vehicle compartments, airborne cross-infection, impact of indoor environment on people's health, comfort and performance, personally controlled environment, heat and mass transfer, indoor climate measurements and instruments. The results of his research are included in engineering handbooks and guidelines as well as in International, European and national standards. He has been the principal investigator of 60 research projects sponsored by government and private organizations in numerous countries. He has coordinated several international research projects sponsored by the European Community. New HVAC technologies and measuring instruments have been developed based on his collaboration with the industry. He has supervised 28 PhD students and 98 MSc students. Many of his students have received national and international awards for their work. Prof. Melikov is author and co-author of 50 technical reports, chapters in books and more than 380 scientific papers published in 15 languages. He is a member of four societies of HVAC engineers. He has been and is a member of national and international technical and standardization committees. He has organized and chaired international conferences, symposiums, seminars and workshops. He is a member of editorial and review board of numerous international journals. He has given 50 invited lectures. He has received numerous awards. He is Fellow of ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers) and Fellow of ISIAQ (International Society of Indoor Air Quality and Climate). He is an Honorary Member of SHASE (The Society of Heating, Air Conditioning and Sanitary Engineers of Japan) and Honorary Member of BULSHRAE (The Bulgarian Society of Heating, Refrigerating and Air-Conditioning Engineers).



William F. McQuade, P.E., LEED® AP, FASHRAE

Executive Director | Global Energy and Sustainability Policy | Building Efficiency
Johnson Controls

Bill McQuade is Executive Director of Global Industry Relations and Regulatory Policy at Johnson Controls International. He has spent the past +25 years working for the York International/Johnson Controls organizations in various technical and managerial positions ranging from research engineer to senior management positions related to the strategic application of advanced technology and R&D efforts. He has a BSME, MSME, and MBA from Penn State University. While working at York/Johnson Controls, he has been awarded 11 US and International patents related to large building air-conditioning equipment. Bill has many industry affiliations including the American Society of Heating Refrigeration and Air Conditioning Engineers (ASHRAE) where he is currently on the Board of Directors. He was elevated to the honorary grade of Fellow in 2013 and received its Distinguished Service Award in 2012. He has participated in the development of international environmental treaties and agreements including those concerning climate and ozone. He has provided input to the US, EC, and Chinese governments regarding ozone and climate regulation and legislation. He was selected by the US Department of State and US EPA to serve as an industry representative on the Indo-US Task Force on HFCs. Also, he has served as an expert on the US Department of Energy HVAC Roadmap Collaboration Team (Oak Ridge National Lab). Finally, he has been invited to speak as an expert on refrigerants at various World Bank, United Nations (UNEP) and HVAC&R industry technical meetings.



Dan Hamza-Goodacre

Executive Director
Kigali Cooling Efficiency Program

Dan Hamza-Goodacre is the Executive Director of the Kigali Cooling Efficiency Program. Dan has over 20 years of experience working on climate change and sustainable development in the public and industry sectors. His work spans all major continents. Previously Dan was Director of Buildings and Industry at ClimateWorks. Before working in philanthropy, Dan was with PwC, where he was the Deputy CEO of the Climate and Development Knowledge Network (CDKN), a global program supporting developing country responses to climate change. Dan held various posts at Defra, (the U.K. Environment and Agriculture Ministry), including: Head of the Secretary of State's office; co-founder of UK's Adapting to Climate Change Program; Adaptation Policy Lead on UK Climate Change Act and Sustainable Agriculture Advisor. Dan also worked UK Foreign Office as a Climate Attaché. He is a regular speaker and moderator at conferences and events and has written widely on climate and development. Dan has an MSc in International Development from Bristol University, where he also was a lecturer and researcher in global environmental politics. In his early career Dan lived and worked in the rainforests of Latin America. He volunteers regularly in schools in support of their 'green' teams.