

Event:

ENERGY in BUILDINGS – Northern Hellas 2019


Date:

Saturday May 11, 2019

Place:

Thessaloniki, Hellas



#	M. Dennis Knight, P.E., FASHRAE	
Title:	Whole Building Systems, LLC Founder, Principal	
email:	dknight@wholebuildingsystems.com	•
Presentation title:	Health and Wellness In The Built Environment An Introduction	
<p>This session introduces emerging, consumer driven trends in the areas of health, wellness and wellbeing in the built environment. The session discusses new research focused on Indoor Environmental Quality and it's potential effects on human occupants. In addition, the session covers how health and wellness requirements are being integrated into new and existing building rating systems and standards. Finally, the session concludes with a conversation regarding what ASHRAE's role has been in the past, and what leadership roles we should be taking now and in the future with respect to maintaining and improving thermal comfort, humidity control, indoor air quality, acoustic and lighting comfort within buildings.</p>		
CV:		
<p>M. Dennis Knight joined ASHRAE in 1979 and has 45 years of experience providing engineering, design and construction related services within the building industry. Mr. Knight serves as a Society Vice President and holds the membership grade of ASHRAE Fellow. Active at the local, state and national levels with various agencies and professional societies, he works to help develop sustainable, integrated building design guidelines. Nationally, as a member of ASHRAE, Mr. Knight is the Chairman of Standard Project Committee SPC 224P - "The Application of Building Information Modeling", is the former Chair of Technical Committee (TC) 7.1 "Integrated Building Design," and served as chair of the ASHRAE Building Performance Analysis Specialty Conference for six years.</p> <p>Mr. Knight founded Whole Buildings Systems, LLC, in 2010 after having owned both a Mechanical, Electrical and Plumbing (MEP) engineering firm and design/build construction company for 26 years, and most recently serving as a Principal at Liollo Architecture.</p> <p>Whole Building Systems' practice focuses on commissioning, building performance simulation, energy management, integrated building design and construction, BIM applications, and operations and maintenance management and planning.</p> <p>Mr. Knight holds an assortment of professional registrations and accreditations. He is a Registered Professional Engineer in South Carolina, North Carolina, and Wisconsin and holds dual registration in South Carolina as both a Mechanical Engineer and a Fire Protection Engineer. He is a LEED Accredited Professional, a Construction Specification Institute (CSI) certified Constructional Specification Specialist, an American Commissioning Group (ACG) certified Commissioning Authority and Building Performance Institute (BPI) certified as both a Building Energy Analyst and a Building Envelope Professional.</p>		