ANDREW ÄSK BUILDING SCIENCE SYMPOSIUM **DISTINGUISHED SPEAKERS**

Presented by Mitsubishi & TRANE

Joseph Lstiburek

Joseph Lstiburek is the founding principal of Building Science Corporation. Dr. Lstiburek's work ranges widely, from providing expert witness testimony to overseeing research and development projects, to writing for the ASHRAE Journal and buildingscience.com.

Dr. Lstiburek's commitment to advancing the building industry has had a lasting impact on building codes and practices throughout the world, particularly in the areas of air barriers, vapor barriers, and vented and unvented roof assemblies.

For example, his work with industry partners through the Department of Energy's Building America program led to significant research into the wetting and drying of walls and ultimately to a major code change relaxing the requirement for vapor barriers in the International Residential Code.

Dr. Lstiburek is also an acclaimed educator who has taught thousands of professionals over the past three decades and written countless papers as well as the best-selling Builder Guides.

Fittingly, the Wall Street Journal has described him as "the dean of North American building science." He has a joy for telling tall tales to his protégésand audiences.

Dr. Lstiburek holds a Bachelor of Applied Science in Mechanical Engineering, a Master of Engineering in Civil Engineering, and a Doctor of Philosophy (Ph.D.) in Building Science.

While still an undergrad, Dr. Lstiburek worked as a residential construction manager; during his Master's degree, he developed the Air Drywall Approach to air barriers.

Other formative experiences include working on the Canada-wide Super Energy Efficient Housing R-2000 program and serving as senior engineer on commercial construction projects for Trow in Toronto.

Dr. Lstiburek founded BSC in 1990 with his business partner Betsy Pettit, and he has been a key figure in establishing BSC as one of the most influential, i nnovative, and respected building science firms in North America.

Todd DeMonte

Todd DeMonte, Chief Innovation Officer, Madison Indoor Air Quality.

Todd DeMonte is currently the Chief Innovation Officer of Madison Indoor Air Quality, Madison Industries' vertical that holds Therma-Stor and Specified Air Solutions.

As President and General Manager of Therma-Stor from 2004-2019, Todd and his team grew the company's revenue over 600% ($100M+) while creating over $250M in enterprise value. This growth was largely driven through innovation in products and markets.

Todd earned a B.S. in Mechanical Engineering from Cornell University and an M.B.A. from Tulane University. He has been awarded ten U.S. patents while at Therma-Stor with several more pending.

Kimberly Llewellyn

Kimberly is the technical lead of Mitsubishi Electric's Performance Construction Team committed to it's builders, architects, engineers, contractors and developers in providing high performance buildings. She works as mechanical system consultant and educator on variable capacity heat pumps, ventilation and healthy, efficient and integrated mechanical solutions. Kimberly began in the construction industry with 6 years as a HERS rater and building failure consultant which shaped her holistic, field based perspective. Motto: Balance theory and practice, keep your boots dirty, hold skilled trades in high regard and refuse to gloss over inconvenient field realities. She holds a Master of Science degree in Environmental Engineering from Columbia University, is a voting member on ASHRAE Technical Standard Committees 62.2 (Residential Ventilation and Acceptable IAQ) and 227P(Passive Building Design) Committees and is a PHIUS certified CPHC.

Kristof Irwin

Kristof Irwin, P.E., M Eng., is the visionary principal of Positive Energy. Kristof's background includes 12 years of experience as a custom builder (including deep energy retrofits and zero-net energy projects) and 11 years as a building science consultant. He worked for 14 years as an engineer, research scientist, and physicist for govern-ment and university research labs. He is active in the local and national high-performance building community including his role as chair of AIA Austin's Building Enclosure Committee, ASHRAE TC-2.1 (Physiology & Human Environment), ASHRAE SSPC-55 (Thermal comfort), ASHRAE SSPC-62.2 (Ventilation/IAQ), and the RESNET ANSI Standards Development Committee (SDC). Kristof hosts The Building Science Podcast to promote education and understanding in the public and on project teams.

Allison Bailes

Allison A. Bailes III, PhD. is a skilled and dynamic speaker whom we are excited to introduce to southwest Florida at AABSS 2020. Dr. Bailes is a nationally renouned building scientist known to many building science professionals as author of the popular Energy Vanguard monthly blog covering a host of energy and building science topics.

Although in the past he gave talks with titles like "Determining Surface Structure from Scattered Ion Energy Distributions in Transmission Ion Channeling," he now focuses on topics related to building science, energy efficiency, and heating, ventilation, and air conditioning (HVAC).

Dr. Bailes additionally makes himself available in digital formats presented by on-line training sessions for building science professionals and beginners on various building science and energy topics from Energy Vanguard.

Gary Nelson

FOUNDER OF THE ENERGY CONSERVATORY
CREATORS OF THE MINNEAPOLIS BLOWER DOOR

The idea for TEC was created in 1980 over lunches between partners Gary Anderson, and Gary Nelson, an engineer at the Minnesota Energy Agency, during which they would discuss the latest discoveries in residential energy efficiency.

The blower door was one advancement that captured their imagination. Like so many great companies before, TEC got its start in a garage where the two partners strove continuously to create a blower door design that would be more practical for mainstream contractors.

That meant it had to be less expensive, lighter, and easier to use. They worked to make blower door testing more friendly, accurate, and efficient, and helped develop protocols for weatherization programs to prioritize air sealing efforts. Their efforts paid off and helped propel advances in construction and air sealing techniques that have become mainstream elements in both new construction and retrofit applications.

You are Invited! MEET YOUR 2020 AABSS SPEAKERS

Building Science Spring Training Camp

Presented by Ultra Aire

Ultra Aire has invited Andy's guests to enjoy food, drinks and fun with our distinguished speakers at Building Science Spring Training Camp on Wednesday March 25th - Starts immediately after closing of the first day sessions. at Haze Venue.

Visit www.climatezoneone.com for details.

CZ climatezoneone.com

ANDREW ÄSK BUILDING SCIENCE SYMPOSIUM

PRESENTED BY MITSUBISHI & TRANE

The 20 year tradition of bringing building science education to SWFL continues in 2020. The Andrew Ask Building Science Symposium features renowned speakers and engaging topics.

Dr. Joseph Lstiburek returns this year for both days. Meet Dr. Joe in person at the Building Science Spring Training Camp party at Haze Venue included with preferred registration.

WEDNESDAY MARCH 25th

BREAKFAST	7:00 AM to 8 AM
MORNING SESSION	8:00 AM to Noon
LUNCH	Noon to 1:00 PM
AFTERNOON SESSION	1:00 PM to 5:30 PM

THURSDAY MARCH 26th

BREAKFAST	7:00 AM to 8 AM
MORNING SESSION	8:00 AM to Noon
LUNCH	Noon to 1:00 PM
AFTERNOON SESSION	1:00 PM to 5:30 PM

Building Science Spring Training Party 3-25-20 - 5:00 PM ; Shuttles to Haze Venue run throughout the evening.

Hot breakfast and hot lunch will be provided at the SWF Event Center for all AABSS attendees including guests attending a single day and not attending BSSTC at Haze Venue. Preffered registration includes all drinks, meals and events.

BUILDING SCIENCE SPRING TRAINING CAMP 2020

Presented by Ultra Aire

Ultra Aire has invited all of Andy's guests to a Climate Zone One sunset happy hour followed by dinner and party at Haze Venue.

Enjoy drinks by the pool or out at the chickee hut. Unlimited Hors D'oeuvres, dinner and drinks are provided.

Spend the evening with friends and make new ones. Building Science Spring Training Camp Shuttle Buses will provide transportation to and from the symposium and Haze Venue. Shuttles run through the night to several nearby guest hotels.

climatezoneone.com

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2020 ANDREW ÄSK BUILDING SCIENCE SYMPOSIUM

BONITA SPRINGS FLORIDA MARCH 25th & 26th

Home of Building Science Spring Training Camp

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