

## **Building Tech Forum**

Past Presenters

**Building Tech Forum 2023** 

Jacob Knowles - BR+A Consulting Engineers: Net Zero Code Celebration

Tamer Bou Matar - Ice Air: Design Strategies to Decarbonize HVAC and DHW

Beverly Craig - Mass Clean Energy Center: Programs Supporting High-Performance Building Technologies

Sarah (DQ) Stolt - Adept Materials: Adept Materials - Smart materials for sustainable buildings

Jason Ganley - Mitsubishi Electric Heating & Air Conditioning: Hotel Marcel - A Leader in Hotel Electrification

Doug Lamm - Building Envelope Materials: What's Next In Retrofit Insulation of Large Multifamilies

Joshua Soble - Celsius Energy: Geoenergy: A Decarbonization Solution for Buildings

Karla Butterfield - Steven Winter Associates: The Time Value of Embodied Carbon

Willie Dawkings-Wong - HTS: Dual-Core Energy Recovery

Brent Ehrlich - BuildingGreen: BuildingGreen's 2023 Top Products

Kate Houghton - Hudson Technologies: Innovative Refrigerant Recovery Services and Reclamation Technology

Matthew O'Malia - TimberHP: TimberHP

Roselin Osser - AKF Group LLC: THE FOUNDRY - Historic Building Adaptive Reuse

JS Rancourt - Daikin North America LLC: VRV Air Source Heat Pumps – in this building!

Dan Weissman - Lam Partners: Sustainable Lighting: 5 Concepts

Kristen Brozowski - Buro Happold: What % All-Electric is your Building?

Alex Clermont - DXS New England: The Latest Heat Pump on the Block: Ephoca

Dave Hermantin - Brightcore Energy: Geothermal Solutions for Urban Environments

Jeff Patton - Gradient: Gradient Gen1 in the Field plus Cold Climate in Development

Akash Vijay - Albireo Energy: Advancing a Net Positive Built Environment with BACnet/SC

David Martin - Trane: Using a Thermal Battery to Enhance Electric HVAC Building Designs

Robert Blount - Rockwool: A Sustainable Path Forward: Embodied Carbon and EPDs

John DiModica - SOLECT Energy: Powering Ahead to a Sustainable Future

Lindsey Lawson - The Green Engineer: Diving into BERDO Data

Matt Root - Integrated Eco Strategy: Better Materials, Managed Digitally

Akash Vijay - Albireo Energy: Advancing a Net Positive Built Environment with BACnet/SC

Laurent Canneva - Spare-it: Live Waste Intelligence

Karla Butterfield - Steven Winter Associates: The Time Value of Embodied Carbon

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Dave Hermantin - Brightcore Energy: UrbanGeo: The most efficient building electrification solution is right underneath you

Christopher Haringa - Abode Energy Management: Abode Heat Pump Quote Comparison Tool

JS Rancourt - DXS New England: What's Next with VRV Heat Pumps – In 5 pictures!

Ben Goldberg - enVerid Systems: Reshaping HVAC Design: Designing for Improved Indoor Air Quality & Energy Efficiency

Robert Blount - Rockwool: Enclosure Design for Durability and Efficiency

Chris Ouellette - Mitsubishi Electric: Efficiently Electrifying Domestic Hot Water

Audrey Schulman - HEET: Efficient and Equitable Electrification of Heat

Kipp Bradford - Gradient: Bridging Divides

Nate Racicot - Awair: Improve the Built Environment with Indoor Air Quality Monitoring

Jeff Beyer - Fremarq Innovations: You CAN Judge a Building by Its Cover

Diane Cabral - Rheem: Rheem Innovations in Hot Water - Heat Pump Technology

Ari Greenberg - BR+A Consulting Engineers: Heat Pumps for the People

Kristen Brozowski - Buro Happold: How Much Glazing Can We Have Now?

Steve Smith - Daikin: R32: Low GWP Alternative

Derek Stein - Adept Materials: Multifunctional materials for managing moisture and heat in buildings

Barry Stephens - Ventacity Systems: The Future of Healthy Efficient Buildings

Tom Glass - Ice Air: Electrified by Ice Air

Barbra BatShalom - BuildingEase: BuildingEase: Making it easier to track, manage, procure building products

## **Building Tech Forum 2020: Roadmap to 2050 Presenters**

Kimberly Cullinane - Eversourse: Zero Net Energy in K-12 School Construction: You Can Do It!

Randy Butler - Superior Essex: Internet of Things and Building Technology

Beverly Craig - MassCEC: Triple Decker Design Challenge

Brent Ehrlich - BuildingGreen: Products for a Changing Environment

Anurag Goel - enVerid: COVID-19 and Beyond: Energy Efficient Building Design and Operation for Risk of Infection

Jacqueline Goyul - Clean Energy Lives Here Campaign

Joelle Jahn - WSP: Zero Carbon Building Assessment: Designing for Carbon Neutrality in Boston

Jacob Knowles - BR+A: Carbon Neutral + Cashflow Positive

Paul Marquez - Excel: XLERATOR Hand Dryers: Helping Commercial Facilities Reduce Greenhouse Gas Emissions

Elizabeth Minnis - DCAMM: DCAMM Climate Action and What We Need From YOU

Chris Schaffner - The Green Engineer, Inc.: Three Trends Changing the Way We Build

Dan Smith - Daikin North America: Heat Pump Performance and Electrifying Efficiently

Ted Touloukian - Touloukian Touloukian Inc.: Embodied Carbon & Existing Buildings: SGI-USA New England

Tamar Warburg - Sasaki: Edge Assembly Square: Solar Mapping and Facade Design

Building Tech Forum 2020: Materials Can: Getting to Zero with Embodied Carbon Presenters

Lisa Conway - Interface: Love Carbon

Annie Bevan - Superior Essex: Embodied Carbon Reduction in Products Behind the Walls

Morana Medved - Artik Art Architecture: Interior Design Education: Carbon as a Design Criterion

Nic Kaspereen - HPS: Interior Design Education: Carbon as a Design Criterion

Mark Englert - USG: Discover the Next Big Thing in Wallboard

Ryan Spies - Saint-Gobain: Steering a 350-Year-Old Ship

Stacy Smedley - Building Transparency: Creating an Ecosystem for Embodied Carbon Accountability

Stephanie Carlisle - Carbon Leadership Forum: Scaling Impact: Embodied Carbon Action

Jimmy Mitchell - Skanska: Skanska's National EC3 Rollout

Brent Trenga - Kingspan: Closing the Commitment Gap We Currently Face to Make Real Impact

## **Building Tech Forum 2019**

Ariel Horowitz, Peter McPhee - MassCEC: MassCEC Clean Building Initiatives

Dan Lonergan - ClearVue: Introducing ClearVue Solar

Dan Smith - Daikin

Malcolm Sonnett - ReVision Energy: The Future of Whole House Electrification

Theodore Touloukian - Touloukian Touloukian Inc: Lumen at Beacon Park, Detroit

Peter Serian - CopperTree Analytics: A Solution for Today's Energy Management Challenges

Mark Webster, David Bliss - Simpson Gumpertz & Heger: Embracing Embodied Carbon

Sandy Mulkern - USG: What's Next in Building Tech? Targeting Carbon in the Fight Against Climate Change

Marie Nolan - The Green Engineer: Circling Back after Getting the Plaque

Mark Siegal - Eversource & National Grid: Charging Infrastructure Programs: Promoting EV Adoption through Incentives

Michael Carey, Muhammad Hassan - Trane: Heat Pumps & Electrification

T.R. Ludwig - Brooklyn Solar Canopy Co.: Taking Solar to the Next Level

Kevin Debasitis - BuildingIQ: What's Next in Building Tech?

Katie Wholey - Arup: Carbon Free Boston: Buildings Sector

Dave Boettcher, Travis Estes - Abode Energy Management: Growing a Good Business with Good Partners

Melanie Silver - Payette: New Paradigm: Architect/Engineer Collaborative Energy Models

Mike Swenson - BR+A Consulting Engineers: Designing and Commissioning for Guaranteed Energy Performance

Anurag Goel - enVerid Systems: Reshaping HVAC Design: Designing for Improved Air Quality & Energy Efficiency

Lucy Fan - Peak Power

Noah Wilson-Rich - The Best Bees Company: What's Next in Building Tech: Honeybees

Colin Booth - Placetailor: What's Next? Better Tech, Better Business!

Toby Wharton - Alpen High Performance Products: When You Need Windows That Insulate like Walls

Randy Butler - Superior Essex: Intelligent Buildings Powered over Ethernet

Brent Ehrlich - BuildingGreen: What's Next? BuildingGreen's Top Green Products for 2019 and Beyond

Phil Crincolli - Airvac of Aqseptance Group: Vacuum Sewers

Jim Stanislaski - Gensler: The Good News

## **Building Tech Forum 2018**

**Brendan Owens** - USGBC National: O brawling love! (let's talk about LEED)

Mark LaFrance - HTS: Reducing Energy Consumption with High-Efficiency HVAC Products

Nancy Ludwig - ICON Architecture: Get Serious about Energy with the Passive House Standard

Christopher Schaffner - The Green Engineer, Inc.: B Corps - a Tool for Change

Joe Mueller - CoolGreenPower: Use Less Through Smarter Cooling

Adam Green - Envenio: High Performance CFD

Patrick Quinlan, Jason Laverty - SolaBlock: The Next Direction in Solar

Vinay Shekar, Betty Liu - Jacobs: Net Zero/Positive Design

John Rockwell - Zehnder America: Ventilation: Why Efficiency Matters

Nick Falkoff - Auburndale Builders: The Studio for High-Performance Design and Construction

Mark Stafford, Kim Cullinane - Eversource and National Grid

Paul Eldrenkamp - NESEA: NESEA's Bottom Lines

Mike Conway - Stacks and Joules: The Net Positive Workforce

Stephen Condon - Ampion: Distributed Generation ("DG") Programs

Dan Swanson - Mitsubishi Electric Cooling and Heating: Heating and Cooling Net positive Energy Buildings

Brent Ehrlich - BuildingGreen: 5 Reasons to be Optimistic About Solar

Joe O'Brien - View Dynamic Glass: Electrochromic Glass Technology

**Robert Cooper** - Embue: Building Intelligence & Net Zero Apartments

Sandy Mulkern - USG

Elizabeth Galloway - SMMA: Highly Glazed Facades, Myths and Realities

Malcom Sonnett - ReVision Energy: 100% Solar Household

Jacob Knowles - BR+A

Ben Myers - Boston Properties

DiAnn Mroszczak - Living Building Challenge Collaborative: A Visionary Path to a Regenerative Future

Rachel Han - OpenDataSoft: How to Create Public and Private Value from Energy Data

Dan Cook - Conservation Solutions Corporation: Bio-Based Phase Change Materials Reducing HVAC Energy Use

Beverly Craig - Massachusetts Clean Energy Center: MassCEC Clean Building Initiatives

Steven Strong - Solar Design Associates, Inc.: Renewable Energy for Energy Positive Buildings

Mike Ragan - Daikin: VRF System Innovations Contributing to Net Positive Energy Buildings

Abdu Elrefaiy - NRGTree: Own My Solar: Streamlining Commercial Solar

Julie Janiski - BuroHappold: Community Catalyst: Targeting a Net-Zero Energy Workforce Development & Training Center

Jim Newman - Linnean Solutions, LLC: Monitoring for Impact

Matthew Freitas - Viessmann Manufacturing: Viessmann DNA

Ted Touloukian - Touloukian Touloukian Inc: Context Enriches Craft

Julia Rogers - WSP