

SPRING TRAINING 2024

Advanced Building Science

HOSTS



Andrew Oding

Vice President, Building Knowledge Canada

Andrew brings insightful and real-life practicality to building science principles and their in-field applications. As a recognized building science trainer by the Government of Canada–Office of Energy Efficiency, Building Science Specialist, and HVAC designer and commissioner, Andrew is working closely with the development of new building codes and advanced building programs across North America.



Gord Cooke, P. Eng.

President, Building Knowledge Canada

Few professionals in Ontario can match Gord Cooke's broad knowledge of the inner workings of a house. Highly regarded in the Ontario homebuilding industry, Gord is a professional engineer, trainer, author, educator, and industry consultant with over 35 years of experience in the low- and high-rise residential building and renovation industry.



Tex McLeod

President, McLeod & Associates

Tex is a successful developer with more than 30 years of experience as one of Canada's leading presenters on energy, housing, and indoor air quality. He is the president of The McLeod Associates and one of the organizers of Spring Training.



Mark Rosen, AIBC, OAA, M.ARCH, CACEA MEA

Director of Building Science, Building Knowledge Canada

Mark is a well-known professional architect, Registered Energy Advisor, and building science consultant and is a partner and the Director of Building Science at BKC. Mark has always been passionate about creating buildings that perform exceptionally well. He has helped develop software tools, sits on several advisory boards, and continues to actively lead the industry toward positive change.

KEYNOTE SPEAKERS



Dr. John Straube, Ph.D., P.Eng.

Principal, Senior Energy and Sustainability Specialist, RDH Building Science Labs

A prominent figure throughout North America, Dr. Straube is an influential and driving force in the industry. He has broad experience in the building industry and is considered an international expert, having been involved in the design, construction, repair, and restoration of buildings worldwide.



Trevor Trainor, M.Sc., M.A.Sc.

President & Building Science Specialist, Bawating Building Science

Trevor specializes in the performance of wall and roof systems in extreme cold climates and applies the principles of building science to Indigenous housing issues. His experience in lab and field research, hydrothermal modeling, and forensic investigations gives him a unique perspective in the development of high performance building enclosure designs.



Chris Magwood

Manager, Carbon-Free Buildings, Rocky Mountain Institute

Chris works with the Embodied Carbon Team in the Carbon Free Buildings Program at RMI. In 2019, he helped to establish Builders for Climate Action and has been leading the development of the BEAM carbon estimator tool for low-rise construction. Chris has authored seven books on sustainable building and is co-editor of the *Sustainable Building Essentials* series from New Society Publishers.

SPEAKERS



Doug Tarry

President, Doug Tarry Limited

Doug is the President of Doug Tarry Limited, a second-generation, multi-award-winning builder of Net Zero/Net Zero Ready Homes. Recently Doug Tarry Homes became the first qualified Net Zero Builder to label more than 500 homes in the CHBA Net Zero Home Labelling Program. He has also published a book entitled *From Bleeding Edge to Leading Edge: A Builders Guide to Net Zero Homes*.



Dr. Cynthia Cruickshank, B.Eng., Ph.D.
Director and Principal Researcher, CABER, Carleton University

Dr. Cruickshank is a Professor of Mechanical and Aerospace Engineering and the Principal Investigator and Director of the Centre for Advanced Building Envelope Research at Carleton University. Her research focuses on the optimization of advanced building energy systems for high performance buildings. She is a member of the Canadian Home Builders' Association Technical Research Committee.



Justin Wilson
Principal Managing Partner, Construction Instruction

Justin collaborates with builders regionally and nationally, addressing construction issues affecting energy, comfort, and durability. His expertise extends to forensic investigations and working with leading manufacturers on new product development. With a focus on thermal enclosure improvements and HVAC integration, Justin is passionate about affordable Net Zero energy homes.



Kirk Hammersmith
National Director of Procurement (Mechanicals), PulteGroup

For more than 15 years Kirk has gained experience in residential new home construction with a focus on technology in mechanicals, electrical, plumbing, solar, battery storage, load control, and other evolving innovations. He works with manufacturers, vendors, trade partners, and PulteGroup's area division leadership throughout the country. Together they build new communities.



Leigh St. Hilaire, B.A.Sc.
Executive Director, Volta Research Inc.

Leigh is the Executive Director of Volta Research and has extensive technical and project management experience within the renewable energy, power utility, product testing, and research sectors. Leigh works with low-rise housing stakeholders in Canada to research how best to reduce the energy consumption and emissions of residential buildings while increasing their affordability.



Mike Memme
Operations Manager, Mountainview Building Group

Mike is the Operations Manager at Mountainview Building Group in the Niagara Region. Mike has a Civil Engineering degree from the University of Waterloo, has been president of the Niagara Home Builders' Association, and is currently acting as 1st Vice President of the Ontario Home Builders' Association.



Ryan Harris

Chief Revenue Officer, SPAN

Ryan has extensive work experience in various senior leadership roles in the marketing, sales, and revenue fields. Ryan is currently serving as the Chief Revenue Officer at SPAN. Before that, Ryan worked at Sunrun, holding positions such as Senior Vice President of Marketing & Digital Sales and Senior Vice President of Sales.



Stefanie Coleman, MEB

Sustainable and Resilient Housing Industry Lead, LEEP – NRCan - CanmetENERGY-Ottawa

Stefanie joined NRCan's LEEP team in July 2023 and is overseeing LEEP's work on the Greener Neighbourhoods Pilot Program and also resilience in residential construction. She served as the national Canadian Home Builders' Association (CHBA) President in 2019/2020, completed a Master of Environment and Business, and has recently started a PhD in Sustainability Management at the University of Waterloo.

PANELISTS

Aaron Smith

CEO, Energy and Environmental Building Alliance & GreenSmith Builders

Lynne Strickland

Director, Initiatives, Net Zero Housing, Canadian Home Builders' Association

Alexis Minniti

Project Coordinator, Integrated Design & Building Science Services, Building Knowledge Canada

Miyoko Oikawa

Senior Manager, Stakeholder Liaison and Technical Services, Ontario Home Builders' Association

Ben Miller

VP Operations, Big Block Construction

Paul De Berardis

Director of Building Science and Innovation, Residential Construction Council of Ontario (RESCON)

Brian Cooke

General Manager, Aeroseal Canada

Ramtin Attar

Co-Founder & Chief Executive Officer, Promise Robotics

Dr. Michal Bartko

Research Officer, National Research Council Canada

Robert Jonkman, P.Eng.

Vice President, Codes and Engineering, Canadian Wood Council

Greig Murphy

Chief Revenue Officer, EnerQuality