The BEC Symposium 2012: Trends in Building Enclosure Performance

The BEC Greater Detroit’s 4th annual symposium offers four national experts in the field of building enclosure research, investigation, assessment, and execution. The symposium will present a distinguished panel of speakers to discuss the current and upcoming trends in building enclosure performance and evaluation. AIA CEU’s will be provided.

Henry L. Green, Hon. AIA
President of the National Institute of Building Sciences
Achieving High Performance Resilient Buildings and Communities

Presentation Description: The presentation will explore the interrelationship of the Institute with BETEC and the local BECs, our cooperative agreement with AIA and how this work contributes to the development of buildings using a holistic approach to design, construction and operation. It will examine how the building envelope contributes to the performance and resiliency of the facility throughout its life cycle and the role architects play in the development of high performing resilient buildings and communities.

Fiona Aldous
Associate Principal, Wiss, Janney, Elstner Associates, Inc.
The State of the Interface: Achieving Building Enclosure Performance

Presentation Description: The presentation will explore two interfaces critical to achieving high performance building enclosures. The first involves the inter-relationship of the practices of building enclosure commissioning and architecture/construction. The second engages the surface regarded as the common boundary between components designed to balance aesthetics and performance. Increasing our understanding of these relationships will enhance the design and construction process to achieve better performing buildings.

Theresa A. Weston, PH.D
Research Fellow, DuPont Building Innovations
Evaluating Air Barriers: Test Methods and Standard Specifications

Presentation Description: An overview of various ways in which air barriers are evaluated. Included are test methods for evaluating air barrier materials, assemblies and whole buildings, and their appropriate use. Also included will be a preview of coming changes to air barrier standards.

R. Christopher Mathis
President, MC2 Mathis Consulting Company
Why Buildings Matter - Part 2: How Long will it Last?

Presentation Description: This is the second half of the two part lecture series and a continuation of Mr. Mathis’ presentation from last year’s symposium. This presentation will again illustrate the importance of our buildings and to what defines truly sustainable building practice. The presentation will continue to quantify the importance of our buildings in ways we may not have previously considered, challenging our status quo and giving real numbers to the size of risks and opportunities we face. It will provide valuable perspectives on the energy efficiency, durability and sustainability, and the importance of the service life of the enclosure products and systems we select for our buildings.

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Visit the BEC WEBSITE for additional information on the event as it becomes available.