

Wagdy Anis Symposium on Building Science 2021: High Performance Building Enclosures: Risks and Rewards

SEPT 23
2021

Call for Abstracts

Building on the success of our 2019 event, the Boston Building Enclosure Council is planning a second symposium in honor of Wagdy Anis. The theme for 2021 is based on a central tenet of Wagdy's career: high performance building enclosures will reward building owners with both durability and energy conservation, as long as the risks are managed through well-informed design and construction. We welcome participants representing a wide a range of perspectives, from building ownership and operations, to strategies for effective design, engineering and construction at each phase of a project, to research & development of construction methods, materials and products. Our goal is to host a spirited dialogue on the benefits and challenges of achieving a well-designed building enclosure through collaboration between all participants in the design and construction process. The one-day symposium will be preceded by an all-day introductory program "Building Enclosures 101".

We encourage members of the design and construction community to submit 200-word abstracts on the theme "High Performance Building Enclosures: Risks and Rewards" for consideration. The structure of the symposium will include 30-minute talks and 90-minute panel presentations. We recommend that each panel include no more than 4 speakers. Abstracts from students regarding their research will be welcomed.

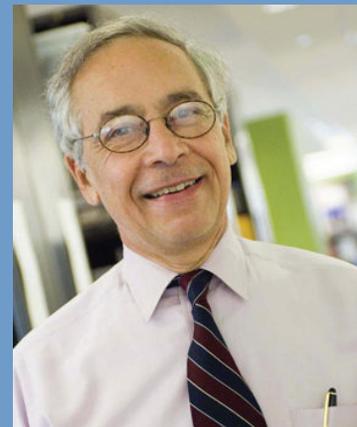
Topics of interest include:

- Physics of heat air and moisture management: Advances in theory and practice, consideration of the impact of future climate change.
- Current research and development: New materials, as well as new design and construction methods.
- Energy performance standards: Passive House; Net Zero Energy codes; BERDO, embodied carbon
- Best practices: Integration of building enclosure assemblies with building mechanical systems
- Design & construction process: Ideal workflow for achieving a high performance building
- QA/QC: Building enclosure commissioning, testing and other methods of verification
- Case studies: Successful application of principles and lessons learned on new buildings and renovation of existing buildings

Important dates:

April 16, 2021: Abstract submissions due
May 28, 2021: Committee will finalize program and notify presenters
August 27, 2021: Presentation slides due

Submit your abstract [HERE](#). If you have any questions, please contact Susan Green, sgreen@architects.org.



Wagdy Anis, LEED AP
(1941-2018)

The Boston Building Enclosure Council (B-BEC)

is a nonprofit organization whose purpose is to promote technical excellence in the design and construction of the building enclosure. B-BEC is led by architects and building enclosure experts, to provide a forum where members of the design and construction industry can discuss common issues and share information on materials and methods, with the goal of promoting the well-informed application of building science to construction of commercial and residential buildings.

We support this mission through monthly meetings and periodic special events, featuring panels, presentations, discussions and related activities.



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