

# AIA VIRTUAL LEARNING SEMINAR

## Structural Glass Solutions for Historic Building Renovations

AIA Program: #2025001A

AIA Credit: 1 LU | HSW

Integrating the latest technology in glass fabrication with advancements in engineering, manufacturing, and installation techniques, we dive into historic building design renovations that use structural glass as the primary design element. The core focus of this session is to provide an overview of design options & technology advancements of structural glass as applied to the renovations of historic buildings. One of the key course objectives is to provide participants with tools that will allow them to use state-of-the-art structural glass in the renovation of historic structures and drastically elevate the design aesthetics while preserving the original building design.

- Discover the advantages & disadvantages of designing all-glass structures for historic buildings
- Familiarize yourself with the latest products, technology and design strategies in the use of structural glass in historic building renovations
- Learn how to select structural systems for façade and overhead applications based on loads, geometry, support conditions and sustainability/ performance requirements for challenging design and building interface conditions
- Dive into the benefits and sustainability features of structural glass pertaining to historic buildings

