

Factory to Field: Designing, Building and Verifying Modular Passive Houses

Presenter: John Loercher

Additional Presenters:

1. Anthony Lisanti

Presenter Biographies and Experience:

John is a Professor of Architecture, CPHC instructor for the Passive House Institute U.S. and owner of Northeast Projects LLC. He is a Certified Passive House Consultant and holds a Master of Architecture from Parsons the New School for Design. John is a CPHC instructor for Phius and has instructed over 300 CPHCs on fundamental building science principles and application. In addition, he is the director of building sciences at RPI where he lectures on passive design principles, active conditioning systems and integrated practices.

Abstract:

LaMora Senior Living in Westchester NY is the first completely modular Phius certified multifamily building in the world. This session presents the challenges faces relative to enclosure design, construction and verification of this project which does not follow the traditional site-built process. It includes specifics about the approach of designing a large multifamily building (trash, ventilation, out-of-boundary programs) as well as the difficulties of verifying a project in factory and field.