

**2019 Buildings XIV International Conference
December 9 - 12th, 2019, Clear Water Beach, FL**

Sunday, December 8

8 a.m. -12 a.m.	Workshop 1: No Way, That's Impossible Separate Registration Required to Attend	Workshop 2: Fun in the Lab: Air and Moisture Leakage Calculator Separate Registration Required to Attend	Workshop 3: Don't Screw Up: There is a Better Process Separate Registration Required to Attend	Workshop 4: I Can See Glazing Separate Registration Required to Attend
1-5 p.m.	Workshop 5: We Know about Insulation Separate Registration Required to Attend	Workshop 6: Energy Efficient Buildings: Economy vs. Ecology Separate Registration Required to Attend	Workshop 7: Evaluating the Moisture Durability of Building Envelope Components Separate Registration Required to Attend	Workshop 8: DOE Building Envelope Research Projects on Fenestration and Grid Interaction

Monday, December 9

7:30 - 8:00 a.m.	Light Continental Breakfast			Principles Track
8-10 a.m.	Welcome/Keynote			Practices Track
10-10:30	AM Break (Pre-function)			
10:30-12:00 a.m.	Impact on Climate	Emerging Materials for Thermal Performance		
12-1:30 p.m.	Lunch			
1:30p-3 p.m.	Advanced Building Envelope Materials	Building Envelope Retrofit	Whole Building Performance	
3-3:30 pm	PM Break (Pre-function)			
3:30-5 p.m.	Material Properties	Building Airtightness	Test Methods and Applications	

Tuesday, December 10

8-8:30 a.m.	Light Continental Breakfast			
8:30-10 a.m.	Thermal Performance of Walls I	Historic Buildings		
10-10:30	AM Break (Pre-function)			
10:30-12:00 a.m.	Thermal Performance of Walls II	Durability and Risk		
12-1:30 p.m.	Lunch			
1:30p-3 p.m.	Fenestration and Energy	IEQ and Thermal Comfort	Building Sustainability	
3-3:30 pm	PM Break (Pre-function)			
3:30-5 p.m.	Window Attachments	Design Tools	High Performance Buildings	
5:00-6:30 p.m.			Building Science Education Update Workshop	

Wednesday, December 11

8-8:30 a.m.	Light Continental Breakfast			
8:30-10 a.m.	Wind-Driven Rain	Energy Performance		
10-10:30	AM Break (Pre-function)			
10:30-12:00 a.m.	Moisture in Walls	Facades and Attachments		
12-1:30 p.m.	Lunch			
1:30p-3 p.m.	Hygrothermal Performance of the Building Envelope	Fenestration Systems	Dynamic Insulation and Grid Interaction	
3-3:30 pm	PM Break (Pre-function)			
3:30-5 p.m.	Window Integration Systems	Thermal and Hygrothermal Performance of Roofs	Thermal and Hygrothermal Performance of Walls	

Thursday, December 12

8-8:30 a.m.	Light Continental Breakfast			
8:30-10 a.m.	Simulation Strategies	Water Intrusion and Barriers		
10-10:30	AM Break (Pre-function)			
10:30-12:00 a.m.	Simulation and Validation	Vacuum Panels		