

# IBPC2018 Program Overview

FRIDAY, SEPTEMBER 21 & SATURDAY, SEPTEMBER 22							
All Day	<b>Workshops</b>						
SUNDAY, SEPTEMBER 23							
All Day	<b>Workshops</b>						
3:00 PM	<b>Registration</b>						
3:00 - 4:30 PM	<b>International Association of Building Physics (IABP) Board Meeting</b> , Candice Room						
5:30 - 7:30 PM	<b>Welcome Reception</b> , Grand Ballroom						
MONDAY, SEPTEMBER 24							
7:30 - 8:15 AM	<b>Continental Breakfast</b> , Finger Lakes Ballroom						
8:15 - 10:00 AM	<b>Welcome and Keynote Presentation</b> , Finger Lakes Ballroom Michelle Addington - <i>Critical Questions for the Future of Sustainable Design</i> Jan Carmeliet - <i>Multiphysics Modeling of Materials, Assemblies, Buildings and Cities</i>						
10:00 - 10:30 AM	<b>Break</b>						
10:30 AM - 12:00 PM	Canandaigua Room	Hemlock Room	Conesus Room	Cayuga Court	Empire Room	Otisco Court	Keuka Room
	<b>MS-1</b> Whole Building, Resilience, and Life Cycle Analysis	<b>BE-1</b> Diagnostics and Models for Building Performance	<b>BE-2</b> Liquid Water in Buildings and Materials	<b>IM-1</b> Intelligent Monitoring and Management Systems	<b>IE-1</b> Assessment and Analysis	<b>EP-1</b> Residential Energy Analysis and Management	Forum: Critical Issues in Environmental Control for Mission Critical Spaces
12:00-1:30 PM	<b>Lunch Break</b> , Finger Lakes Ballroom						
1:30 - 3:00 PM	<b>MS-2</b> Lighting, Daylighting, and Multi-Physics Models	<b>BE-3</b> Innovative Thermal Insulation Systems	<b>BE-4</b> Moisture in Buildings and Materials	<b>EC-1</b> Environmental Control Equipment and Systems	<b>IE-2</b> Field Studies	<b>EP-2</b> Urban Energy Generation, Analysis, and Management	
3:00 - 3:30 PM	<b>Break</b>						
3:30 - 5:00 PM	<b>MS-3</b> Heat and Moisture Transfer in Materials and Assemblies	<b>BE-5</b> Ventilation Systems for Buildings	<b>BE-6</b> Hygrothermal Performance and Mold Prevention	<b>HF-1</b> Office Buildings	<b>IE-3</b> Lightning and Windows	<b>GB-1</b> Environmental Design, Sensing and the Built Environment	
5:30 - 7:30 PM	<b>Reception and Student Posters</b> , SyracuseCoE						
TUESDAY, SEPTEMBER 25							
7:15 - 8:15 AM	<b>Forum: NYSERDA RetrofitNY</b> , Canandaigua Room (breakfast available for participants at 7:00 am)						
7:30 - 8:15 AM	<b>Continental Breakfast</b> , Finger Lakes Ballroom						
8:15 - 10:00 AM	<b>Welcome and Keynote Presentation</b> , Finger Lakes Ballroom Patricia Culligan - <i>Green Infrastructure and Urban Sustainability: Recent Advances and Future Challenges</i> Yuguo Li - <i>The Physics in Natural Ventilation of Cities and Buildings</i>						
10:00 - 10:30 AM	<b>Break</b>						
10:30 - 12:00 PM	<b>MS-4</b> Co-simulation and Platforms for Integrated Analysis	<b>BE-7</b> Energy Retrofits for Building Envelopes	<b>BE-8</b> High Performance Building Envelope Systems	<b>HF-2</b> Occupant Comfort in Special Cases	<b>IE-4</b> Ventilation and Air Conditioning	<b>GB-2</b> Green Roofs and Vegetation	
12:00 - 1:30 PM	<b>Lunch Break</b> , Finger Lakes Ballroom						

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1:30 - 3:00 PM	<b>MS-5</b> Computational Fluid Dynamics and Energy Performance	<b>MS-6</b> Data Analytics, Model Reduction, and Calibration	<b>BE-9</b> Innovations in Wood	<b>HF-3</b> Residences	<b>IE-5</b> Air Pollution and Control	<b>GB-3</b> Urban Microclimates and the Heat Island Effect	
3:00 - 3:15 PM	<b>Break</b>						
3:15 - 5:00 PM	<b>Poster Session</b> , Persian Terrace						
6:00 - 7:00 PM	<b>Social Hour</b> , Grand Ballroom						
7:00 - 9:00 PM	<b>Conference Dinner</b> , Grand Ballroom						
<b>WEDNESDAY, SEPTEMBER 26</b>							
7:30 - 8:15 AM	<b>Continental Breakfast</b> , Finger Lakes Ballroom						
8:15 - 10:00 AM	<b>Welcome and Keynote Presentation</b> , Finger Lakes Ballroom Richard de Dear - <i>Dynamic Environment, Adaptive Comfort, and Cognitive Performance</i> Vivian Loftness - <i>Intelligent Buildings for Resiliency, Health and Productivity</i>						
10:30 AM - 12:00 PM	<b>MS-7</b> Material Characterization and Model Parameters	<b>MS-8</b> Building Enclosure Design	<b>BE-10</b> Solar Energy Harvesting and Management	<b>HF-4</b> Lightning and Visual Quality	<b>IE-6</b> Thermal Environment and Control	<b>PE-1</b> Economic and Policy Aspects of Green Buildings	Design Control Strategies for Low Energy and High IAQ Residential Buildings
12:00 - 1:30 PM	<b>Lunch and Closing Ceremony</b> , Finger Lakes Ballroom						
2:00 PM	<b>Technical Tours</b>						
2:00 - 5:30 PM	<b>CHAMPS 2018 and Annex-68 Public Session</b> , SyracuseCoE (register at <a href="http://syracusecoe.syr.edu/event/champs-2018/">http://syracusecoe.syr.edu/event/champs-2018/</a> )						
<b>THURSDAY, SEPTEMBER 27</b>							
All Day	<b>Niagara Falls Excursions</b>						