

<b>Tuesday</b>	<b>Session IV</b>		
	<p align="center"><b>Practices A</b> <b>Moisture Effects I</b> Chair: Mark Lawton</p>	<p align="center"><b>Principles A</b> <b>Hygrothermal Simulations I</b> Chair: Hartwig Kuenzel</p>	<p align="center"><b>Principles B</b> <b>Daylighting</b> Chair: Chris Mathis</p>
<p><b>8:30 a.m.</b> <b>to</b> <b>10:00 a.m.</b></p>	<p>10 – Gordon Brandon Causes And Effects Of High Humidity In South Florida Schools</p> <p>183 – Kristina Mjörnell A Method For Moisture Safety In The Building Process</p> <p>208 – Madeleine Rousseau Characterization Of Indoor Hygrothermal Conditions In Houses In Different Northern Climates</p>	<p>29 – Bert Blocken Wind-Driven Rain Assessment On Buildings Using Climatic Datasets: What Time Resolution Is Needed?</p> <p>44 – Rudolf Plagge Experimental Methods To Derive Hygrothermal Material Functions For Numerical Simulation Tools</p> <p>61 – Dominique Derome Coupled Simulation Of Vapor Flow Between Air And A Porous Material</p>	<p>43 – Glenn Sweitzer Digital Fabrication Of Exterior Envelope Daylighting Elements: Scale Model Vs Full-Scale</p> <p>84 – Grace Gutierrez An Experimental Study Of Shading Devices: Orientation, Typology And Material</p> <p>155 – Irving Franco Efficacy Of Lighting Shelves: Passive, Dynamic And Automatic Devices Related To Light And Thermal Behavior</p>
<b>Session V</b>			
	<p align="center"><b>Practices A</b> <b>Moisture Effects II</b> Chair: Gary Proskiw</p>	<p align="center"><b>Principles A</b> <b>Hygrothermal Simulations II</b> Chair: Achilles Karagiozis</p>	<p align="center"><b>Principles B</b> <b>Windows</b> Chair: Marc LaFrance</p>
<p><b>10:30 a.m.</b> <b>to</b> <b>12:00</b></p>	<p>124 – Gary Proskiw Case Studies Of Moisture Problems In Buildings</p> <p>144 – Kevin Day Challenges In Using ASTM E 2112 Across North American Climate Zones</p> <p>256 – Wahid Maref Ventilation And Wall Research House</p>	<p>140 – Brad Oberg A High Quality Residential Data Set For Validation Of Computer Simulation Models</p> <p>162 – Hannu Viitanen Improved Model To Predict Mould Growth In Building Materials</p> <p>175 – Carston Rode Whole Building Hygrothermal Modeling In IEA Annex 41</p>	<p>76 – Stephen Fisher Proposed Modification Of THERM Finite Element Models Taken From The National Fenestration Rating Council's Thermal Rating Program For The Analysis And Estimation Of Thermal-Induced Glass Stress Under Solar And Shadow Loading Conditions On Fenestration Products</p> <p>88 – William duPont Ninth Annual Inter-Laboratory Comparison Of NFRC Accredited Testing Laboratories</p> <p>118 – David Ambrose Pressure Equalized Insulated Glass Units In Exterior Building Envelopes</p>

<b>Tuesday</b>			
<i>Session VI</i>			
	<b>Practices A Walls I</b> Chair: Larry Elkin	<b>Principles A Hygrothermal Simulations III</b> Chair: Wahid Maref	<b>Principles B HVAC &amp; Thermal Comfort</b> Chair: Iain Walker
<b>1:30 p.m. to 3:00 p.m.</b>	125 – Caroline Frenette Multi-Criteria Evaluation Framework Of Factory-Built Wood-Frame Walls	182 – Arnold Janssens Development Of Limits For The Linear Thermal Transmittance Of Thermal Bridges In Buildings	28 – Henk Schellen Conservation Heating For A Museum Environment In A Monumental Building
	212 – William Brown Developing A Design Protocol For Low Air And Vapour Permeance Insulating Sheathing In Cold Climates	192 – Leon Glicksman A Simplified Rapid Energy Model And Interface For Non- Technical Users	108 – William Rittelmann Energy Savings And Collateral Impacts Of A DHW Water-To- Water Heat Pump System With Sub-Slab Earth-Coupling
	213 – Jeffrey Christian Panels <sup>3</sup>	218 – Andreas Holm Moisture-Buffering Effect- Experimental Investigations And Validation	123 – Kohta Ueno Field Monitoring And Hygrothermal Modeling Of Interior Basement Insulation Systems
<i>Session VII</i>			
	<b>Practices A Walls II</b> Chair: Silvio Plescia	<b>Principles A Durability</b> Chair: Anton TenWolde	<b>Principles B Foundations</b> Chair: Jordan Church
<b>3:00 p.m. to 5:00 p.m.</b>	80 – Azam Syed How The Same Wall Can Have Several Different R- VALUES???	135 – Mark Williams Developing Innovative Drainage And Drying Solutions For The Building Enclosure.	48 – Torben Rasmussen Prefabricated Elements Used As Strip Foundation Of Single- Family Housing
	90 – Leslie Peer Use Of Thermal Breaks In Cladding Support Systems	143 – Achilles Karagiozis Scientific Analysis Of Vapor Retarder Recommendations For Wall Systems Constructed In The North America	92 – David Baylon Calculating The Impact Of Ground Contact On Residential Heat Loss
	57 – Mario Gonçalves Design Considerations For Curtain Wall Parapets In Cold Climates	157 – Anker Nielson Sustainability Of The Swedish Built Environment Towards Climate Change. Hygro-Thermal Effects And Design Criteria For Buildings With Respect To Future Climate Scenarios.	222 – Carl-Eric Hagentoft Heat Loss Due To Thermal Bridges In A Foundation With Floor Heating