

# CONFERENCE SCHEDULE DAY 1

	MATERIALS FOREST BALLROOM	BUILDER + MULTI-FAMILY DOWNSTAIRS	SYSTEMS UPSTAIRS
8:30	Introduction to PH	Working with Thermal Bridges: A Passive House Perspective	Ventilation, Energy Generation, Co-generation and Space Conditioning in Bigger Buildings
10:30	BREAK		
	Passive Builders Workshop	Thermal Bridges (continued)	Ventilation (continued)
12:30	LUNCH		
1:00	<b>Welcome</b>		
1:15	<b>Keynote   ZACK SEMKE</b>		
2:15	BREAK		
2:30	High R Value Exterior Insulation Walls Attaching Cladding with Long Screws <i>LORNE RICKETTS</i>	Passive House 2.0: Follow Up on Multi-Family Projects from Five Firms <i>MONTE PAULSEN</i>	Getting to EnerPHIT for Commercial Buildings: Start with the HVAC <i>AUBREY GEWEHR + BARRY STEPHENS</i>
	Life Cycle Building Energy: Before, During, and After <i>RITA SCHENCK</i>	Grid Tied DC Backup Battery Systems in High Performance or Passive House Applications <i>GAVIN TENOLD</i>	Central Hot Water Pilot Study: Sub-Metering and Comparison of Three Recirculation Reheat Technologies and Daikin Altherma Central Hot Water Heating System <i>SHAWN ORAM</i>
3:30	BREAK		
3:40	Durability Panel	World's First Cold Climate Passive House Production Facility <i>ANDREW PEEL</i>	Climate-Sensitive Design for Multi-family Passive House Projects <i>GALEN STAENGL</i>
		Passive House Living Building Challenge & Zero Net Energy: Opportunities and Challenges Integrating Passive House into a Zero Net Energy Project <i>ALEX BOETZEL</i>	Small Commercial, Big Savings & Putting CO <sub>2</sub> to Work <i>CHARLIE STEPHENS</i>
5:00	CONFERENCE RECEPTION		
6:30	DINNER & SOCIAL HOUR		

# CONFERENCE SCHEDULE DAY 2

	SINGLE FAMILY RESIDENTIAL FOREST BALLROOM	MULTI-FAMILY DOWNSTAIRS	POLICY + ENERGY UPSTAIRS
8:30	<b>Welcome &amp; PHNW Business</b>		
8:45	<b>Keynote   DYLAN HEEREMA</b>		
9:45	BREAK		
10:00	Moats, Lakes and Rafts... Passive House Solutions for Design Challenges in Three Single Family Houses <i>PAUL WHITNEY + MARKUS BARRERA-KOLB</i>	Builder Panel	Passive House Moving Towards the City Scale <i>CHRIS HIGGINS</i>
	Using the Passive House Stranded as a Design Tool for Great Suburban Infill Replacement <i>SCOTT KOSMECKI</i>		Effective Energy Code Development: Partnering with PHnw to Make It Happen <i>CHUCK MURRAY</i>
11:10	BREAK		
11:25	CalipASSIVE: A Prototype Production Passive House <i>GRAHAM IRWIN + SPENCER DOBROLVONY</i>	Where We Went Right & Where We Went Left: Measured vs. Modeled Performance Data Analysis for Affordable Occupied Passive Multifamily Projects <i>JAMES ORTEGA</i>	Policy Panel
	If Volunteers Can Build a Passive House, Why Can't You? <i>BENJAMIN WOLK</i>	Energy Performance Data: Orchards at Orenco Phase I <i>DYLAN LAMAR</i>	
12:35	LUNCH		
1:50	A Layered Perspective of Passive House Design <i>JULIE TORRES MOSKOVITZ</i>	Post-Occupancy Research at the North Park Passive House (Part 2) <i>CHRISTY LOVE</i>	Metered Energy Efficiency: Monetizing the Energy Benefits of Passive House <i>ROB HARMON</i>
	PHPP, WUFI Passive and a Challenging Site (Case Study) <i>ALEX BOETZEL</i>	Economics of Passive House Delivery: The EcoProforma <i>TIM WEYAND</i>	
3:00	BREAK		
3:10	Building a Passive House in a 10000 HDD Climate <i>FLORIAN SPEIER</i>	Passive Multifamily: Large Building Design & Commissioning Lessons Learned <i>CHRIS McTAGGART, RYAN SHANAHAN + SEAN CONTA</i>	Parametric Modeling Applications in Passive House: Optimization, Customization & Efficiency <i>COLIN SCHLESS</i>
	Delphi House: A Case Study <i>RANDY FOSTER + TESSA SMITH</i>		The Why of PSI: Getting a Handle on Thermal Bridging <i>ROLF JACOBSON + CHRIS PETIT</i>
4:20	BREAK		
4:30	<b>Keynote   PATTI SOUTHARD</b>		
5:00	CONFERENCE CONCLUDES		



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