

Comfortable Buildings: Getting Them Right!

buildright

HIGH PERFORMANCE BUILDING + REMODELING CONFERENCE AND EXPO

HOME BUILDING ASSOCIATION OF GREATER PORTLAND

Presented by
EnergyTrust
of Oregon

BetterBuilt^{NW}

Conference Schedule

DAY 1

THURSDAY,
APRIL 18, 2024

| | | | | |
|---|---|---|---|--|
| 7:00AM | | Registration in lobby | | |
| WELCOME & KICKOFF OPENING KEYNOTE 7:45AM - 9:20AM <i>THE COMMONS</i> | | WELCOMING + KICKOFF SPONSORED BY   THE BUREAU OF PLANNING & SUSTAINABILITY Mark LaLiberte, Construction Instruction Path of Continual Improvement: How to Implement Energy Efficient and Building Science Measures in your Everyday Practices | | |
| Rooms | THE COMMONS SPONSORED BY:   | HVAC WORKSHOP SPONSORED BY:   | MEDALLION INDUSTRIES ROOM SPONSORED BY:  | PATP Trainee Central SPONSORED BY:   |
| NETWORKING / VISIT OUR SPONSOR BOOTHS - 9:20AM - 9:50AM | | | | |
| SESSION 1 10:00AM-10:50AM | Oregon's Residential Energy Codes, Related Incentives, And Training Resources <i>Mark Heizer, State of Oregon Building Codes Division; Kelly Thomas, State of Oregon Building Codes Division</i> | Bridging The Gap: Practical ERV & HRV Applications For Contractors <i>Alex Boetzel, Earth Advantage; Ken Nelson, Panasonic</i> | Your Culture And Its Impact On Profit <i>Melissa Galland, DO&Be</i> | Residential Construction Career Pathways Training <i>Pre-Apprenticeship Trainees Only</i>      |
| SESSION 2 11:00AM-11:50AM | PANEL: Air Sealing Lowest Cost Highest Value <i>Peter Grube, NorthWest AeroBarrier; Joseph Antonov, Eiko Builders; Marc Cregeur, Earth Advantage; Mike Ardeljan, Dream Home Building & Design Hosted by Christy Lawrence, NorthWest AeroBarrier</i> | Smart Duct Strategies For hvac Design <i>Greg Davenport, Arcxis; Nigel Watts, Rheia Comfort; Josh Morse, Broan- NuTonefwo</i> | Exterior Insulation <i>Rick Blumenthal, Washington State University</i> | |
| LUNCH / NETWORKING / EXPO - VISIT OUR SPONSOR BOOTHS - NOON-12:50PM SPONSORED BY:  Green Hammer Open House - NOON-12:50PM  | | | | |
| SESSION 3 1:00PM-1:50PM | 2024 IECC Build Envelope Requirements And High-Performance Walls <i>Mathew Brown, APA - The Engineered Wood Association</i> | Load Calculations On Impact Comfort And Sustainability <i>Judy Rachel, Home Performance Pro</i> | Don't Bet On The Future Plan On The Future-Managing Builders Risks <i>William Joseph, Dunn Carney LLP</i> | GREEN HAMMER HEADQUARTERS Networking Session: Pre-Apprenticeship Trainees + Builders  |
| SESSION 4 2:00PM-2:50PM | Windows: A Key Ingredient To A Comfortable Home <i>Bryan Uhler, Pioneer Builders, Inc.; Mike Cairus, Innotech Windows + Doors</i> | Creating Customer Satisfaction And Energy Savings With Heat Pump Water Heaters <i>Bruce Manclark, Earth Advantage; Jeffery Woodward, Hollabaugh Brothers & Associates</i> | Lien Laws WA and OR: How to Get Paid <i>William Joseph, Dunn Carney LLP</i> | |
| SESSION 5 3:00PM-3:50PM | Thinking in Control Layers. How Understanding the 4 Control Layers Will Make You a Better Builder <i>Josh Salinger, Birdsmouth Design-Build</i> | Cold Climate Heat Pumps, Lower GWP Refrigerants and HSPF 2 <i>Greg Davenport, Arcxis; Tim Kaiser, Earth Advantage</i> | Understanding The New Washington Code <i>Jonathan Jones, Washington State University</i> | |
| CLOSING KEYNOTE 4:00PM-4:50PM <i>THE COMMONS</i> | Josh Salinger, Birdsmouth Design-Build | Good Intentions and Disastrous Results: How Not To Do an Energy Retrofit - Overview of Day 1 and Insights into Day 2 | | |
| 5:00PM-6:30PM <i>THE COMMONS</i> | Networking Happy hour Visit our sponsor booths! |         BuildRightPDX.com  Check the mobile app for session and speaker details! | | |

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Conference Schedule

DAY 2 FRIDAY,
APRIL 19, 2024

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|--|---|--|--|
| 7:00AM | Registration in lobby | | |
| WELCOME & KICKOFF OPENING KEYNOTE 7:45AM - 9:20AM <i>THE COMMONS</i> | WELCOMING + KICKOFF SPONSORED BY   THE BUREAU OF PLANNING & SUSTAINABILITY | | Allison A. Bailes III, PhD., Energy Vanguard <i>Doing Heat Pumpification Right!</i> |
| Rooms | THE COMMONS  SPONSORED BY: EnergyTrust of Oregon BetterBuilt^{NW} | HVAC WORKSHOP SPONSORED BY: Panasonic  | MEDALLION INDUSTRIES ROOM SPONSORED BY:  |
| SESSION 1 9:30AM-10:20AM | Passive House 101 <i>Edward Louie,</i> <i>Pacific NW National Laboratory</i> | Ventilation and IAQ Study Results <i>Chrissi Antonopoulos,</i> <i>Pacific NW National Laboratories</i> | Allying Yourself with Solar Experts to Ready Your Homes for Solar + Storage <i>Don MacOdrum, TRC</i> |
| SESSION 2 10:30AM-11:20AM | Using 3D Technology to Integrate Framing and Mechanicals <i>Jeff Dorn, Chris Stubblefield, and Darren Bell,</i> <i>PARR Lumber</i> | Duct Duct Goose-Don't Let Bad Duct Design And Register Selection Cause Comfort Complaints <i>Bruce Manclark, Earth Advantage</i> | The Impact Of Asset Ratings And Certifications On Profitability And Market Appeal <i>Rebecca Heileig, Earth Advantage</i> |
| LUNCH / NETWORKING / EXPO - VISIT OUR SPONSOR BOOTHS - 11:30 AM-12:20PM SPONSORED BY:  | | | |
| SESSION 3 12:30PM - 1:20PM | Electric Grid Decarbonization and High Performance Building and Remodeling <i>Greg Lasher, TRC</i> <i>Binh Lu, Portland General Electric</i> | PANEL: Collaborate To Optimize Hvac Design, Installation And Performance <i>Hosted by Shaun Hassel,</i> <i>Performance Insulation</i> | Green Building Certificates And Incentives For Multi Family <i>Jonathan Wrobel and William Castrillon,</i> <i>NW Energy Collaborative</i> |
| SESSION 4 1:30PM - 2:20PM | Local Decarbonization of Building Materials: Innovative Concrete and Salvage Wood Solutions <i>Lauren Zimmermann, City of Portland Bureau of Planning and Sustainability; John Mead, Solid Carbon</i> | Hydronic Hvac 101 <i>Robert Benjamin,</i> <i>Aris Hydronis Inc.</i> | Successful Marketing Of High Performance Homes <i>Eric Peterson,</i> <i>Lexar Homes</i> |
| CLOSING KEYNOTE 2:30PM - 3:30PM <i>THE COMMONS</i> | PANEL: HVAC Horizon: Integrating Perspectives for a Sustainable Future <i>Suzi Asmus, NEEA, Jonathan Moscatello, Daikin, Mike Ardeljan, Dream Home Building & Design, Matt Ryan, Petra Heating and Air Conditioning, Inc., hosted by Alex Boetzel, Earth Advantage</i> | | |
| 3:30PM - 6:00PM | Conference Closing Happy Hour! Offsite nearby at CARGO       | | |

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and speaker
details



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