



ALL TIMES ARE SHOWN IN EASTERN STANDARD TIME (EST)

Monday, November 8, 2021: Day 1

Sponsored by The Energy Coalition



11:00AM	Opening Reception and Networking	
11:45AM		<p><b>Welcome and Opening Plenary:</b></p> <p><b>Reimagining the Future of Food with Michael Pollan</b></p> <p>This session features an interview with writer, teacher, and activist Michael Pollan. The session will be chaired by one of America's most honored and experienced environmental journalists and the founding director of the new Initiative on Communication and Sustainability at Columbia University's Earth Institute, Andrew Revkin. Mr. Pollan and Mr. Revkin will discuss the connections among food systems, behavior, and climate change.</p>
1:00PM	Break	
1:15PM	Topic Session 1	
Session 1A	<p><b>Transportation: Advancing Clean Mobility for All</b></p> <p><b>Moderator: Joseph Sherlock, Duke University</b></p> <ul style="list-style-type: none"><li>• <a href="#">The Path to Safer Streets for Micromobility: Arming Advocates with Travel Behavior Data</a>, Eli Alston-Stepnitz, University of California, Davis and Angela Sanguinetti, University of California, Davis</li><li>• <a href="#">Equity in Transportation Electrification Planning</a>, Kimberly Jaeger Johnson, ILLUME Advising</li><li>• <a href="#">Beyond Cars: Modeling Modal Shift and Passenger Transport Demand Reduction for A Low Carbon Future</a>, Vera O'Riordan and Tomas Mac Uidhir, University College Cork</li><li>• <a href="#">Teleworking: How Commuting Behavior Change Can Help or Hinder GHG Emission Reductions</a>, David Pickup, Dunsky Energy + Climate Advisors</li><li>• <a href="#">Reducing Transport-Related CO2 Emissions by Targeting Individual Behavioral Change: A Systematic Review with Meta-Analysis</a>, Aneeqe Javaid and Felix Creutzig, Mercator Research Institute on Global Commons and Climate Change (MCC) EUREF Campus 19</li></ul>	

<p>Session 1B</p> 	<p><b>Equity: Addressing Equity through Community Engagement, sponsored by the Energy Coalition</b></p> <p><b>Moderator: Margot Brown, Environmental Defense Fund</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Considerations for Energy Efficiency Education in Diverse Communities</a>, <i>Yasmin Abraham, Kambo Energy Group Canada</i></li> <li>• <a href="#">Achieving Equity Through Community Engagement: How Point-of-Sale Foodservice Programs Excel by Leveraging Public Health Best Practices</a>, <i>George Chapman, Energy Solutions</i></li> <li>• <a href="#">Sustainable and Equitable Cooling: NYSERDA’s Community-Centered Approach to Extreme Heat, Health and Public Safety</a>, <i>Molly Podolefsky, Guidehouse</i></li> <li>• <a href="#">Essentially Local: CA Models for a Just and Equitable Clean Energy Transformation</a>, <i>Nicol Manzanares and Laurel Rothschild, The Energy Coalition</i></li> </ul>
<p>Session 1C</p>	<p><b>Programs: Building Trust Through Communication Strategies</b></p> <p><b>Moderator: Lauren Cheatham, Instagram,</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Longmont's Equity in Sustainability Program</a>, <i>Lisa Knoblauch and Aterah Nusrat, City of Longmont, Colorado</i></li> <li>• <a href="#">Reimagining the Future: U.S. Virgin Islands Energy Assurance</a>, <i>Anastasia Roy, Aptim</i></li> <li>• <a href="#">Where Do People Go for Information When Adopting Electric, Smart, and Solar and Why Does It Matter?</a> <i>Beth Karlin and Hale Forster, See Change Institute</i></li> <li>• <a href="#">Minimum Energy Performance Standards (MEPS) for Appliances in Kenya</a>, <i>Francis Ndonga, CLASP</i></li> </ul>
<p>Session 1D</p>	<p><b>Organizations: Wagging the Long Tail of Businesses</b></p> <p><b>Moderator: Nick Lange, ICF</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Behavioral Programs: A New Approach to Reach the Foodservice Sector</a>, <i>Will Morris and Liza Legaspi, SoCalGas</i></li> <li>• <a href="#">Fostering Cooperation and Collaboration in Tenanted Properties With Lawyers And Leases</a>, <i>Kathryn Janda, University College London, United Kingdom</i></li> <li>• <a href="#">Changing the Behavior of All Market Actors to Accelerate Decarbonization</a>, <i>Kate Merson, Resource Innovations</i></li> <li>• <a href="#">Decarbonizing the Building Sector: A Human-Centered Study Focused on Small/Light Commercial Buildings</a>, <i>Abraham Tidwell and Chrissi Antonopoulos, Pacific Northwest National Laboratory</i></li> </ul>
<p>2:15PM</p>	<p><b>Meet the speakers! Stay online to chat with the speakers after each session.</b></p>
<p>2:30PM</p>	<p><b>Break</b></p>

2:45PM	Topic Session 2
Session 2A	<p><b>Equity: Equity and Energy</b>  <b>Moderator: Karen Ehrhardt-Martinez, ICF</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Participation Gap Analysis Among Energy Efficiency Programs in the Public Sector</a>, Michelle Le, CETLab</li> <li>• <a href="#">Lower-Income Consumers and the Smart Energy Future</a>, Nathan Shannon, Smart Energy Consumer Collaborative (SECC)</li> <li>• <a href="#">What 7,257 Households Can Tell Us About Race, Ethnicity, Income, and Access to Program Services: Findings from the Energy Trust 2020 Customer Insights Study</a>, Dan Rubado, Energy Trust of Oregon, and Ryan Bliss, ADM</li> <li>• <a href="#">Energy Insecurity Across Generations: Labor Force Participation, Race, and Occupancy in Multifamily Energy Use</a>, Hal Nelson, Res-Intel and Maria Ilinykh, Pacific Gas &amp; Electric</li> <li>• <a href="#">Helping Our Most Vulnerable Customers with Data-Driven Engagement Strategies</a>, Brad Langley, and Julia Friedman, Oracle, and Paul Grimyser, ComEd</li> </ul>
Session 2B	<p><b>Transportation: Accelerating Clean Vehicle Adoption</b>  <b>Moderator: Bill LeBlanc, E-Source</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Has the Willingness to Pay for Alternative Fuel Vehicles Changed Over the Past Decade? Evidence From Vehicle Buyers in California</a>, Debapriya Chakraborty, University of California, Davis</li> <li>• <a href="#">Characterizing Strategic EV Market Segments: EV Converts</a>, John Anderson and Brett Williams, Center for Sustainable Energy</li> <li>• <a href="#">Accelerating Electric Vehicle Adoption in the San Francisco Bay Area: Market Research Findings from the Bay Area Air Quality Management District</a>, Jamie Orose, Center for Sustainable Energy</li> <li>• <a href="#">The Green Light on Buying a Vehicle: How Consumer Decision-Making Interacts with Environmental Attributes in the New Vehicle Purchase Process</a>, Margaret Taylor and Sydney Fujita, Lawrence Berkeley National Laboratory</li> </ul>
Session 2C	<p><b>Social Science: Thinking about Energy: From Household to Collective Action</b>  <b>Moderator: Nicole Sintov, Ohio State University</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Cognitive Efficiency Meets Energy Efficiency: Applying Expert Heuristics to Improve Household Energy Decisions</a>, Joseph Kantanbacher, University of South Dakota</li> <li>• <a href="#">Spillover Between Adaptation and Mitigation Behaviors at The Personal and Collective Levels</a>, Karine Lacroix and Jennifer Carman, Yale Program on Climate Change Communication</li> <li>• <a href="#">Adapting Rogers' Theory of Diffusion of Innovation to Distributed Energy Resources</a>, Sarah Outcault and Angela Sanguinetti, University of California, Davis</li> <li>• <a href="#">Pluralistic Ignorance in Climate Policy: Mapping the Vast Underestimation of Public Support for Transformational Change</a>, Gregg Sparkman, Princeton University, and Nathaniel Geiger, Indiana University</li> </ul>

Session 2D	<p><b>Panel: Advanced Energy Communities: Lessons Learned from Scaling Energy Efficiency and Community Solar Microgrids</b></p> <p><b>Moderator:</b> <i>Therese Peffer, CIEE/University of California, Berkeley</i></p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• <i>Genaro Bugarin, The Energy Coalition</i></li> <li>• <i>Meaghan Laverty, The Energy Coalition</i></li> <li>• <i>Cathy Leonard, Oakland Neighborhoods for Equity</i></li> <li>• <i>Kate Ringness, SmartBlock Communities</i></li> </ul>
3:45PM	<b>Meet the speakers! Stay online to chat with the speakers after each session.</b>
4:00PM	<b>Break</b>
4:15PM	<b>Panel Sessions</b>
Panel 1	<p><b>Public Policy: Exploring and Experimenting in Organizational Systems</b></p> <p><b>Moderator:</b> <i>Tom Maiorana, University of California, Davis</i></p> <p><i>The way we create one of the critical tools for change at scale—public policy— is marked by long timelines, established approaches, and rigid structures. Despite this challenge, some pioneers are exploring new strategies to develop and implement public policy. This panel brings together exceptional individuals who think and work at the intersection of policy, prototyping, and social impact. Their work spans geographies, governmental tiers, and policies, yet the thread of prototyping runs throughout their work.</i></p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• <i>Carissa Carter, Academic Director, Stanford University</i></li> <li>• <i>Kelli Covey, Principal and Founder, Covey Group</i></li> <li>• <i>Verena Kontschieder, Policy Program Manager, AI, at Facebook and Open Loop</i></li> <li>• <i>Katie Krummeck , Educational Designer</i></li> </ul>
Panel 2	<p><b>Statewide Sustainability Programs Supporting Change in Over 2000 Communities</b></p> <p><b>Moderator:</b> <i>Lola Schoenrich, Sustainable States Network</i></p> <p><i>Local governments are essential to ensuring equitable, durable climate resilience and mitigation energy solutions. The challenge is that thousands of communities need to act, not just the largest cities. What could help? Statewide programs built on behavior change are a part of the answer. Statewide programs make it easy to act by providing vetted best practices, tools tailored to the state context, hands-on technical assistance, fellowships, and sometimes funding resources. Panelists offer their experience with these programs.</i></p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• <i>Jim Price, Sustainable Pennsylvania</i></li> <li>• <i>Randall Solomon, Sustainable Jersey</i></li> <li>• <i>Kristin Mroz-Risse, Minnesota GreenStep Cities</i></li> </ul>

Panel 3	<p><b>One Tectonic Shift: The Conversion of Our Fossil-Based Heating Systems to Heat Pumps</b></p> <p><b>Moderator:</b> <i>Kristin Dupre, Adobe Energy Management</i></p> <p><i>One tectonic shift needed to drive electrification is the conversion of our fossil-based heating systems to heat pumps. How do we approach such a large transformation? It is important to understand the kinds of bottlenecks that can naturally occur as complex systems and institutional social structures collide in change. Join in the discussion as we bring together node organizations that are tasked with accelerating the adoption of heat pumps and scaling these solutions to meet the challenge before us.</i></p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• <i>Meg Howard, CEC Massachusetts</i></li> <li>• <i>Travis Estes, Adobe Energy Management</i></li> <li>• <i>Dana Fisher, Mitsubishi</i></li> <li>• <i>Shawn Intorcio, Reading Municipal Light Department, Massachusetts</i></li> </ul>
Panel 4	<p><b>Change Management at the Heart of Energy Efficiency and DEI</b></p> <p><b>Moderator:</b> <i>Sada Naegelin, Stillwater Energy</i></p> <p><i>This panel features energy efficiency professionals from across the United States who are committed to diversity, equity, inclusion and justice both within their organizations and as they implement energy efficiency programs in the communities they serve.</i></p> <p><i>They will address:</i></p> <ul style="list-style-type: none"> <li>• <i>How to effectively engage diverse and underrepresented groups in meaningful and effective ways.</i></li> <li>• <i>How to center:</i> <ul style="list-style-type: none"> <li>-<i>Underserved communities in program design and implementation, and</i></li> <li>-<i>People as part of the solution to persistent energy savings</i></li> </ul> </li> </ul> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• <i>Caryn Appler, Energy Trust of Oregon</i></li> <li>• <i>Pamela Fann, Southeast Energy Efficiency Alliance (SEEA)</i></li> <li>• <i>Giselle Procaccianti, Northeast Energy Efficiency Partnership</i></li> </ul>

5:15PM	<p style="text-align: center;"><b>Virtual Poster Reception – Meet the Authors and Discuss their Posters</b></p>
	<ul style="list-style-type: none"> <li>• Abbie Bender &amp; Wokje Abrahamse, Victoria University of Wellington, <b>What Are the Critical Determinants of Pro-Environmental Behavior? A Meta-Analysis Look at the Theory of Planned Behaviour, Value Belief Norm Theory, Values Theory, Self-Discrepancy Theory, Affect and Habit</b></li> <li>• Koral Buch &amp; Debapriya Chakraborty, University of California, Davis, <b>A Total Cost of Ownership Analysis of Plug-In Electric Vehicle Drivers in California</b></li> <li>• Alan Jenn, University of California, Davis, <b>Emissions Impact of Electric Vehicle Adoption on Disadvantaged Communities</b></li> <li>• Jared Langevin &amp; Jingjing Zhang, Lawrence Berkeley National Laboratory, <b>Behavior-Based Energy Efficiency: A Case Study of the Oakland Ecoblock</b></li> <li>• Annika Lutz &amp; Caroline Mackay, Simon Fraser University, <b>Encouraging Cognitive Alternatives to the Environmental Status Quo</b></li> <li>• Christoph Meinrenken &amp; Sanjmeet Abrol, Columbia University, <b>Does Providing Household Residents with Usage Information Prompt Reductions?</b></li> <li>• Jonathan Mendel &amp; Hadar Hamid, Simon Fraser University, <b>Imagining a Sustainable World: A Qualitative Analysis of Environmental Cognitive Alternatives</b></li> <li>• Susan Schneider, Root Solutions, <b>Lasting Behavior Change: The Challenge of Persistence</b></li> <li>• K. Shankari &amp; Andrew Duvall, National Renewable Energy Laboratory (NREL), <b>The Canbikeco Mini Pilot: Preliminary Results and Lessons Learned</b></li> </ul>
5:45PM	<p><b>Break</b></p>
6:00PM	<p><b>Workshops</b></p>
	<div style="display: flex; align-items: flex-start;">  <div> <p><b>BECC Scholars Meet, Greet, and Discuss Energy Futures with James L. Sweeney, Stanford University.</b></p> <p>Dr. Sweeney, known for his work on energy economics and energy policy, is a Hoover Institution senior fellow. Sweeney analyzes economic and policy issues, especially those involving energy systems and/or the environment.</p> </div> </div>
	<div style="display: flex; align-items: flex-start;">  <div> <p><b>Workshop 1: How to Convince Conservatives and Liberals to Act</b></p> <p>How can we go beyond preaching to the choir? Which messages resonate with conservatives, liberals, or both groups? In this interactive session, we'll show you the tools to counter barriers to climate action.</p> <ul style="list-style-type: none"> <li>• Caroly Shumway, Ph.D., Director of Center for Behavior and Climate</li> <li>• Bob Inglis: Executive Director of republicEn.org</li> <li>• Kim Kelly, Ph.D., Senior Behavior Analyst, Behavior Development Solutions</li> <li>• Chelsea Henderson, Director of Editorial Content, republicEN</li> </ul> </div> </div>



**Workshop 2: Speaking Up During Lockdown: What Utility Customers Expect After COVID**

In this interactive session, we'll share E Source's findings from our COVID-19 Residential Surveys, where we asked U.S. and Canada utility customers to discuss how their utilities have responded to the pandemic.

- Jessica Bailis, Solution Director at E Source
- Sarah Baker, Analyst, Market Research at E-source

**Workshop 3: Building Coalitions for Climate Im Building Coalitions for Climate Impacts - Moving Passion and Conversation into ACTION**

Miss the conversations, connections, and resulting innovations that come from in-person and informal discussions (at the hotel bar, for example)? This workshop is for you! Attendees will connect and share resources, find commonalities in barriers and challenges, workshop value propositions for climate resilience efforts, understand policy implications, and more.

Join your peers from nonprofits, local governments, community-based organizations, and more, to connect, brainstorm, and move passion and conversations about climate resilience into ACTION.

7:30PM

End of Day 1

Tuesday, November 9, 2021: Day 2  
Sponsored by Uplight






10:30AM	Yoga
11:30AM	Topic Session 3
Session 3A	<p><b>Renewable Energy: From Research to Mass Adoption</b> <b>Moderator: Zachary Eldredge, U.S. Department of Energy</b></p> <ul style="list-style-type: none"><li>• <a href="#">Winds of Change: Examining Attitude Change Regarding an Offshore Wind Project</a>, Samantha Bingaman and Jeremy Firestone, University of Delaware</li><li>• <a href="#">Using Virtual Reality and Visual Discrete Choice Tasks to Examine Public Attitudes Toward Offshore Wind Energy Projects</a>, Jonathan Ericson, Alexana Cranmer, Bentley University, and Anna Ebers Broughel, Tetrattech</li><li>• <a href="#">Community Solar: Ensuring a Place for Everyone in a Clean Energy Future</a>, Eileen Hannigan, ILLUME Advising</li><li>• <a href="#">Agrivoltaics and the Agri-Solar Clearinghouse: Developing Connections Between Solar Energy and Sustainable Agriculture for a Low Carbon Future</a>, Stacie Peterson and Danielle Miska, National Center for Appropriate Technology</li><li>• <a href="#">Better Forecasts Through Better (Behavior) Science</a>, Tyler Capps, Guidehouse, and Melanie Munroe, Opinion Dynamics</li></ul>
Session 3B	<p><b>Transportation: Electric Vehicle Charging Behavior</b> <b>Moderator: Andrew Duvall, National Renewable Energy Laboratory</b></p> <ul style="list-style-type: none"><li>• <a href="#">If You Build It, They Will Come: How Charging Station Installation Drives EV Adoption</a>, Shannon Kahl, ILLUME Advising and Amanda Maass, ILLUME Advising</li><li>• <a href="#">A National Estimate of the Value of a Free EV Charging Event in the US</a>, Michael Maness and Divyamitra Mishra, University of South Florida</li><li>• <a href="#">Evaluating Residential Charging Access for Electric Vehicles in California</a>, Matt Alexander, California Energy Commission and Eric Wood, National Renewable Energy Laboratory</li><li>• <a href="#">A Field Experiment on Workplace Norms and Electric Vehicle Charging Etiquette</a>, Camila Apablaza and Omar Asensio, Georgia Institute of Technology</li></ul>



Session 3C	<p><b>Equity: Measuring and Closing EE Access Barriers for Low-Income Households</b></p> <p><b>Moderator: Jackie Berger, Apprise</b></p> <ul style="list-style-type: none"> <li>• <i>Reaching Low-Income Customers: Insights from a National Survey</i>, Kristen Kadetsky, Uplight, and Hale Forster, See Change Institute</li> <li>• <a href="#">Equity in the Clean Energy Economy</a>, Nat Treadway and Jamie Wimberly, DEFG</li> <li>• <a href="#">Closing the Energy-Savings Access Gap</a>, Jill Vohr, U.S. EPA Energy Star</li> <li>• <a href="#">When The Lone Star Froze Over - An Analysis of the Lived Experiences of Low-Income Communities During and in the Aftermath of the 2021 Winter Storm</a>, Andrew Robison and Erick Jones, Texas Energy Poverty Research Institute (TEPRI)</li> </ul>
Session 3D	<p><b>Panel: Cultural Sensitivity in Evaluation: What Does It Look Like and How Are We Doing?</b></p> <p><b>Moderator: Ryan Bliss, ADM Associates, Inc</b></p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Sarah Castor, Energy Trust of Oregon</li> <li>• Quinn Parker, Encolor Consulting LLC</li> <li>• Jeremy Offenstein, ADM Associates, Inc.</li> </ul>
12:30PM	<b>Meet the speakers! Stay online to chat with the speakers after each session.</b>
12:45PM	<b>Break</b>
1:00PM	<b>Topic Session 4</b>
Session 4A	<p><b>Programs: Utility Innovations for Data-Driven Decision-Making</b></p> <p><b>Moderator: Maria Legaspi, Southern California Gas Company</b></p> <ul style="list-style-type: none"> <li>• <i>Reversing Impatience: Framing Mechanisms to Increase the Purchase of Energy-Saving Appliances</i>, Silvi Mariateres, and Emilio Padilla Rosa, Autonomous University of Barcelona</li> <li>• <i>Applied User Research: Leveraging Customer Feedback to Create Engaging Digital Experiences</i>, Luke Bahl, Franklin Energy</li> <li>• <i>Thumbs Up: Increasing Customer Engagement Through Highly Relevant Email Communications</i>, Amy Findlay and Gregory Romine, Eversource</li> <li>• <a href="#">Fast Feedback Residential DR Impacts in Arizona</a>, Dustin Kunkel, Guidehouse, and Marilla Yaggie, Illume</li> <li>• <a href="#">Impact Evaluation of the PC44 Time of Use Pilots</a>, Sanem Sergici, The Brattle Group</li> </ul>

<p>Session 4B</p>	<p><b>Policy and Movements: Culture, Cascades, Conundrums, and Comedy</b>  <b>Moderator: Ammar Qusaibaty, U.S. Department of Energy</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Climate Clubs and Other Middle-out Approaches to Motivate Climate Action</a>, Matt Malinowski and Gautam Jayaraman, ClimateClub.us</li> <li>• <a href="#">Community Choice Aggregation and the Relationship with Energy Efficiency: Lessons Learned from Cities</a>, Amanda Dewey and Nick Henner, ACEEE</li> <li>• <a href="#">How and Why Do Consumers Make Decisions in Situations of Sustainable Conflicting Goals? A German Consumer Study</a>, Andreas Niedermeier and Tabea Habermehl, Technical University of Munich Campus Straubing</li> <li>• <a href="#">"Live" Stand Up Climate Comedy: Steal This Joke</a>, Beth Osnes, Inside the Greenhouse at the University of Colorado</li> </ul>
<p>Session 4C</p> 	<p><b>Programs: Case Studies in Using Competition and Gamification, sponsored by the Energy Coalition</b>  <b>Moderator: Liz Kelley, Illume</b></p> <ul style="list-style-type: none"> <li>• <a href="#">The Generosity of Energy Savings: Motivating Energy Behavior Change in Wisconsin's Rural Save to Give Challenge</a>, Brady Steigauf, Wisconsin's Focus on Energy, and Katie Jones, Center for Energy and Environment</li> <li>• <a href="#">Innovations and Lessons in Solar E-waste Management</a>, Monica Wambui, CLASP, Kenya and Hannah Blair, CLASP</li> <li>• <a href="#">Why are "Oops Tags" Sweeping the Nation and Do They Work?</a> Ann Vander Vliet, and Lisa Skumatz, Skumatz Economic Research Associates, Inc.</li> <li>• <a href="#">Reimagining Employee Engagement Behavior Change Campaigns for a Remote World</a>, Amy Whitehouse, The Energy Coalition</li> </ul>
<p>Session 4D</p>	<p><b>Panel: Responding to Climate Change Through Education: Data and Methods</b>  <b>Moderator: Radhika Iyengar, Center for Sustainable Development at the Earth Institute, Columbia University</b>  <b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Eugene Cordero, San Jose State University, Christina Kwauk, Center for Universal Education at Brookings</li> <li>• Marcia McKenzie, Melbourne Graduate School of Education, University of Melbourne</li> </ul>
<p>2:00PM</p>	<p align="center"><b>Meet the speakers! Stay online to chat with the speakers after each session.</b></p>
<p>2:15PM</p>	<p align="center"><b>Break</b></p>
<p>2:30PM</p>	<p align="center"><b>Plenary: The Biden Administration and Climate Change</b></p>
<p>3:15PM</p>	<p align="center"><b>Break</b></p>

3:30PM	<p style="text-align: center;"><b>Virtual Poster Reception – Meet the Authors and Discuss their Posters</b></p>
	<ul style="list-style-type: none"> <li>• Andrea Doukakos, RE Tech Advisors &amp; Hannah Debelius, Department of Energy, <b>DOE Waste Pilot Findings: Outreach and Engagement, Data, and Scope Three Emissions</b></li> <li>• Beth Fitzjarrald, E Source, <b>Bringing EV Benefits to Low-Income Customers</b></li> <li>• Paul Monaghan &amp; Jennison Kipp, University of Florida, <b>Community Weatherization Coalition, Can Education Change Energy Savings Behavior?</b></li> <li>• John Anderson and Brett Williams, Center for Sustainable Energy (CSE), <b>Characterizing Plug-In Hybrid Electric Vehicle Consumers Who Found the U.S. Federal Tax Credit Extremely Important in Enabling their Purchase</b></li> <li>• Brianne Eby &amp; Robert Puentes, Eno Center for Transportation, <b>Congestion Pricing: A Tool for Sustainability, Equity, and Behavior Change</b></li> <li>• Meaghan Laverty, The Energy Coalition, <b>The Intersection Between Food Access and Energy Efficiency: LA's Neighborhood Market Revitalization Program</b></li> <li>• Michael Soszynski &amp; Brittany Berg, ADM Associates, <b>Shedding Light on Energy Inequities: What Might Race and Demographic Differences in Identifying Bulb Types Tell Us?</b></li> <li>• Nathan Manuel, Measured Light, <b>The Hidden Environmental Costs of Working from Anywhere</b></li> </ul>
4:00PM	<p><b>Break</b></p>
4:15PM	<p style="text-align: center;"><b>Solutions Sessions: Tap into The Collective Experience of BECC Attendees To Help Solve Real World Challenges</b></p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 15%;">  </div> <div style="width: 85%;"> <p><b>Help Solve a Real-World Problem for the National Center for Appropriate Technology: A BECC Solutions Session</b> Hosted by Reuven Sussman, ACEEE</p> </div> </div> <hr/> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 15%;">  </div> <div style="width: 85%;"> <p><b>Where to Start? Taking the First Steps on a Behavior-Centered Design Journey. Where to Start?</b> Hosted by Kate Williamson, Rare</p> </div> </div> <hr/> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 15%;">  </div> <div style="width: 85%;"> <p><b>New Carrots (or Sticks) to Overcome Building Owners' Financial Challenges</b> Hosted by Shawna Henderson, Blue House Energy</p> </div> </div>
5:30PM	<p><b>Break</b></p>

5:45PM

Networking Social Event

6:45PM

End of Day 2

Wednesday, November 10, 2021: Day 3

Sponsored by ICF



10:30AM

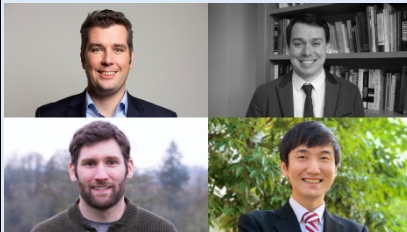
Yoga

11:30AM

## Plenary: How Behavioral Insight Teams Make Changes in Governments Around the World

Moderator: Christine Kormos, Senior Behavioural Scientist, BC Behavioural Insights Group (BC BIG)

Behavioral science experts working in government are at the cutting edge of where research meets practice. They have successfully applied behavioral science theories to influence real-world shifts in behavior. Importantly, they also support and encourage the use of rigorous evaluation methods, including random and quasi-random controlled experiments. Increasingly, these experts are being asked to work on programs and projects that encourage citizens to engage in climate actions. Many work in units specifically devoted to tackling energy and environmental problems. Yet the challenges of working in government and promoting new or underutilized behavior change methods are great. This panel of behavioral scientists in governments around the world will discuss their work, their challenges, and their successes. They will discuss not only how to change the behavior of citizens, but also how to change the behavior of governments



regarding climate policy and programs.

- **Thomas Dirkmaat**, PhD. Coordinator, Behavioural Insights Team; Chairman of the Behavioural Insights Network NL; General Economic Policy Department; Ministry of Economic Affairs and Climate Policy
- **Karl Purcell**. MSc. Program Manager of the Behavioural Economics Unit at the Sustainable Energy Authority of Ireland
- **Collin Weigel**. Behavioral Economist with the California Air Resources Board
- **Tadahiro Ikemoto**, D.Sc., MPH, MPA. Director for Behavioral Insights Strategy, Ministry of the Environment, Government of Japan; Founder and President, Behavioral Sciences Team (BEST), Government of Japan

12:30PM

Break

12:45PM	<p style="text-align: center;"><b>Virtual Poster Reception – Meet the Authors and Discuss their Posters</b></p>
	<ul style="list-style-type: none"> <li>• Aida Warah, Gentleways for Our Planet, <a href="#">Using the Technology of Behavioral Change to Reduce Climate Change</a></li> <li>• Anne Arquit Niederberger, Enervee, <a href="#">Efficient Shopping for All - From Direct Install to Empowerment</a></li> <li>• Claudio Lex &amp; Susanne Kurowski, Technical University of Munich, <a href="#">Hypes and Innovation Activity: Empirical Evidence from Digital Clean Energy Technologies</a></li> <li>• Dustin Weigl &amp; Joshua Sperling, National Renewable Energy Laboratory, <a href="#">Sustainability, Scalability, and Resiliency of the Innisfil Mobility-on-Demand Experiment</a></li> <li>• Emily Cruz &amp; Elke Weber, Princeton University, <a href="#">Evaluating the Environmental, Emotional, and Economic Impact of Pedestrian-Only Streets In New York City</a></li> <li>• Kathryn Colley &amp; Tony Craig, The James Hutton Institute, <a href="#">SMARTTEES: Modelling Household Uptake of a Citywide District Heat Network in Aberdeen</a></li> <li>• Kathryn Janda, University College London, <a href="#">Mapping Climate Change Engagement Efforts: From Storytelling to Story Listening</a></li> <li>• Pia Drechsel, &amp; Thomas Decker, University of Applied Sciences Neu-Ulm, <a href="#">Do Consumers Want to Reduce Plastic Packaging? Results from a Field Experiment</a></li> <li>• Rebecca Upton, Anglia Ruskin University / Eden Project / <a href="#">The Centre for Alternative Technology</a>, <a href="#">Exploring the Impact and Value of Education for Sustainability at the Eden Project</a></li> </ul> <p>Keith McDade, Allison Royer, and Kaley Cross, Lenoir-Rhyne University, <a href="#">Climate Resilience in Asheville, NC: Perceived influences on adopting stormwater management practices on private property</a></p>
1:15PM	<p style="text-align: center;"><b>Topic Session 5</b></p>
Session 5A	<p><b>HERs 2.0 - Rethinking Home Energy Reports</b>  <b>Moderator: Jim Stewart, Cadmus</b></p> <ul style="list-style-type: none"> <li>• <a href="#">How Pacific Gas and Electric Is Rethinking Behavioral Programs to Thrive in a Future Dominated by Decarbonization and Customer Experience</a>, <i>Matthew Lucky, Oracle and Julie Ahner, Pacific Gas and Electric</i></li> <li>• <a href="#">Who Are the Most Persistent Savers After Treatment with HERS?</a> <i>Aimee Savage, Resource Innovations</i></li> <li>• <a href="#">The Emergence of AMI-enabled Behavioral Programs in Delivering Significant Gas Savings</a>, <i>Kristen Hepp, Oracle</i></li> </ul>
Session 5B	<p><b>Renewables and Electrification</b>  <b>Moderator: Ellen Steiner, Opinion Dynamics</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Providing Access to Electricity and Internet to the Navajo Nation While Developing the Reservation's Economy Through Job and Training Opportunities</a>, <i>Mitsumasa Scotti, Mitsumasa Consulting</i></li> <li>• <a href="#">Understanding Perceptions and Building Support for Beneficial Electrification</a>, <i>Cynthia Gage, C+C and Jill Vohr, U.S. EPA ENERGY STAR</i></li> <li>• <a href="#">A Case Study from a Systems Perspective of Transitioning to Air Source Heat Pumps: Barriers and Performance</a>, <i>Kristen Osterwood, Unitil and Worcester Polytechnic Institute</i></li> <li>• <a href="#">How to Electrify Affordable Housing: Insights from New Construction Professionals on the Role of Heat Pumps</a>, <i>Jen Loomis, and Ellen Steiner, Opinion Dynamics</i></li> </ul>

Session 5C	<p><b>Social Science: Understanding Diverse Audiences</b>  <b>Moderator: Gabrielle Wong-Parodi, Stanford University</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Identifying and Leveraging Social Norm Networks Guiding Energy Use in the U.S. and India</a>, Rohini Majumdar and Gregg Sparkman, Princeton University</li> <li>• <a href="#">Perceptions of the Best, Likely, and Worst Futures Among Generation Z</a>, Deidra Miniard, Indiana University Bloomington and Joseph Kantanbacher, University of South Dakota</li> <li>• <a href="#">From 'Constrained' and 'Cautious' to 'Resourceful' and 'Active': Imagining a Positive Landscape for Low-Carbon Lifestyles</a>, Hazel Pettifor and Maureen Agnew, University of East Anglia, United Kingdom</li> <li>• <a href="#">Building Diverse Climate Coalitions: The Pitfalls and Promise of Identity-Based Messaging</a>, Corinne Tsai, University of Cambridge and Adam Pearson, Pomona College</li> </ul>
Session 5D	<p><b>Panel: Bringing Quantitative Behavioral Research into the Heart of Residential Program Design and Iteration.</b>  <b>Moderator: Owen Howlett, SMUD</b>  <b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Ralph Dinola, New Buildings Institute</li> <li>• Hale Forster, See Change Institute</li> </ul>
2:15PM	<b>Meet the speakers! Stay online to chat with the speakers after each session.</b>
2:30PM	<b>Topic Session 6</b>
Session 6A	<p><b>Utopian and Dystopian Futures</b>  <b>Moderator: TBA</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Project Drawdown</a>, Kelley Dennings, Center for Biological Diversity</li> <li>• <a href="#">The New World: Wildfires and Their Impact on Resiliency Risk</a>, James Dodenhoff, Silent Running LLC</li> <li>• <a href="#">A Meta-Analysis of Financial Incentive Strategies to Promote Overall and Peak Electricity Conservation in Households</a>, Daniel Sloat and Benjamin Scheibehenne, Karlsruhe Institute of Technology</li> <li>• <a href="#">Preventing Injuries to Children Through Home Safety Audits and Modifications</a>, Ruth Ann Norton, Green and Healthy Homes Initiative, and Wendy Shields, Johns Hopkins Center for Injury Research and Policy</li> <li>• <a href="#">The Economic Consequences of Putting a Price on Carbon</a>, Diego Kaenzig, London Business School, United Kingdom</li> <li>• <a href="#">What Happened in Texas? Winter Storm Uri's Impact on Texans and the Resulting Uprooting of Longstanding Shibboleths in Texas' Energy Political Economy</a>, Erik Funkhouser, Dilge Guldehen Kanoglu-Ozkan, Ariane Beck, and Varun Raj, University of Texas at Austin</li> </ul>

Session 6B	<p><b>Equity Programs Achieving Results</b>  <b>Moderator: Molly Podolefsky, Guidehouse</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Try as We Might: Impacts of an Income-Qualified Rate Discount and Household Capacity to Save Energy</a>, Joe Van Clock, Apex Analytics and Tholl Brian, City of Fort Collins Utilities</li> <li>• <a href="#">Partnership Power: How TVA Is Reimagining Energy Assistance in the Energy-Burdened Southeast</a>, Rapley Frank, Tennessee Valley Authority</li> <li>• <a href="#">Equity, Empowerment, and Engagement in Minnesota</a>, Jeannette LeZaks, Slipstream, and Tessa Cruz, Streetwyze</li> <li>• <a href="#">Diversification Through Collaboration How One Small Business Diversified Its Staff by Partnering with a Leading Workforce Development Program</a>, Todd Rogers, CEM, Energy Training Solutions US, and Karen-Michelle Mirko, The HOPE Program</li> </ul>
Session 6C	<p><b>Technology in the Field</b>  <b>Moderator: Dan Fredman, Oracle</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Thermostat-Setting Preferences and Implications for Smart Thermostat Applications</a>, Jacqueline Berger, APPRISE, and Ben Adams, MaGrann</li> <li>• <a href="#">The Innovative Kitchen Management Project</a>, Maria Liza Legaspi, SoCalGas</li> <li>• <a href="#">DOE Better Buildings Updates: Low Carbon, Workforce, and Technology</a>, Mariana Egea-Casalduc, Department of Energy</li> <li>• <a href="#">A Data Framework for Promoting Energy Efficiency-Based Renovations in EU Buildings</a>, Tobi El kin, Trilateral Research United Kingdom</li> </ul>
Session 6D	<p><b>Panel: How to Reach the Hard-to-Reach: Insights from a Cross-Country Case Study Comparison</b>  <b>Moderator: Sea Rotmann, SEA - Sustainable Energy Advice Ltd</b>  <b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Miguel Macias Sequeira, Center for Sustainability and Environmental Research, NOVA School of Science and Technology, NOVA University of Lisbon, Portugal</li> <li>• Kimberley O'Sullivan, Otago University, New Zealand</li> <li>• Anna Realini &amp; Simone Maggiore, RSE, Milan, Italy</li> <li>• Dr Danielle Butler, National Energy Action and the Fuel Poverty Research Network</li> </ul>
3:45PM	<b>Meet the speakers! Stay online to chat with the speakers after each session.</b>
4:00PM	<b>Break</b>



4:15PM

## Plenary: What's Next: Identifying Priorities for Reducing GHG Emissions



**Mike Vandenberg**

Professor, Vanderbilt University



**Tom Dietz**

Professor, Michigan State University



**Paul Stern**

President, Social and Environmental  
Research Institute



**Rachel Schwom**

Director, Rutgers Energy Institute

There is broad agreement that greenhouse gas emissions must be reduced substantially and that there is a premium on initial steps that will slow emissions quickly. But most analyses focus only on the potential of a technology if adopted or a behavioral change if implemented. This panel will begin with short presentations that identify criteria for choosing priority actions based on their Technical Potential (“the amount of reductions that would result from a behavioral change or technology adoption”), Behavioral Plasticity (“the proportion of the target population that will change behavior or adopt a technology when programs and policies to promote such change are in place”), and Initiative Feasibility (“the likelihood of getting such programs or policies in place”). In addition, programs that are high potential in the short run should also facilitate broader transformations in energy systems and be attentive to energy justice issues. After discussing criteria, we will spend 50% of the session time on a moderated discussion to identify actions that are strong on all three criteria, considering actions by the private sector, by utilities, and by federal, state, and local governments. We are open to audience engagement during this part of the session, depending on format constraints. We will close with a brief discussion of the implications of this approach for research.

5:15PM

**End of Day 3 – Conference Closing**

## ACKNOWLEDGMENTS

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