DRAFT - schedule changes weekly		PANEL: 12 - Smart Buildings, Smart Grid, Information Technology	
Day	**SESSIONS**	**LEAD AUTHOR/ORGANIZATION**	**TITLE**
Mon 8/22	**Session 1** **8:30 am - 10:00 am** **Auditing: Where No One Has Gone Before**	John Avina, Abraxas Energy Consulting	Virtual Audits: The Promise and the Reality
		Siddharth Patel, Stanford University	Time Will Tell: Using Smart Meter Time Series Data to Derive Household Features and Model Response to Pricing Programs
		Michael Baker, SBW Consulting	Can We Find the End Use in Smart Metering Data?
	Session 2 **10:30 am - 12:00 pm** **Energy Modeling Cross-Fit**	Ry Horsey, National Renewable Energy Laboratory	Commercial Building Energy Meta-Modeling
		Zeyu Wang	Support Vector Machine (SVM) Based Homogeneous Ensemble Model for Building Energy Prediction
		Gabriel Fierro, University of California, Berkeley	Enabling Portable Energy Accounting Applications with a Building Operating System
Tues 8/23	**Session 1** **8:30 am - 10:00 am** **Modeling: Beyond Design**	Stephen Frank, National Renewable Energy Laboratory	Hybrid Model-based and Data-driven Fault Detection and Diagnostics for Commercial Buildings
		Jessica Granderson, Lawrence Berkeley National Laboratory	Can We Practically Bring Physics-Based Modeling into Operational Analytics Tools?
		Clifford Glantz, Pacific Northwest National Laboratory	Evaluating the Maturity of Cybersecurity Programs for Building Control Systems
	Session 2 **10:30 am - 12:00 pm** **Disaggregating Needles from Haystacks**	Michael Zeifman, Fraunhofer Center for Sustainable Energy Systems	Residential Remote Audits: Estimation of Building Thermal Parameters Using Interval Energy Consumption Data
		Ted Helvoigt, Evergreen Economics	A Smart Approach to Analyzing Smart Meter Data
		Kristen Cetin	Disaggregation and Future Prediction of Monthly Residential Building Energy Use Data Using Localized Weather Data Network

Day	SESSIONS	LEAD AUTHOR/ORGANIZATION	TITLE
Wed 8/24	Session 1 8:30 am - 10:00 am Getting Connected	Bruce Nordman, Lawrence Berkeley National Laboratory	Implicit Sensing for Energy Savings and More
		David Dobratz, Eversource	Energy Efficiency, Power Monitoring and Load Control Automation: Grid Integration Technologies
		Robert Lamoureux, Cadmus	Home Energy Management Systems (HEMS) Paths to Savings: On-Ramps and Dead Ends
	Session 2 10:30 am - 12:00 pm HVAC Controls on Steroids	Therese Peffer, CA Institue for Energy and Environment	Writing Controls Sequences for Buildings: From HVAC Industry Enclave to Hacker's Weekend Project
		Atefe Makhmalbaf, Pacific Northwest National Laboratory	Performance Quantification of Different HVAC Control Strategies with Application to Demand Response
		Michael Anderson, University of California, Berkeley	Well-Connected Microzones for Increased Building Efficiency and Occupant Comfort
Thurs 8/25	Session 1 8:30 am - 10:00 am Data-Driven Programs	Constantine Kontokosta, New York University	DataIQ – A Machine Learning Approach to Predicting and Improving Energy Performance Data Quality and Reliability
		Hassan Shaban, ICF International	Mining custom program data: methods and applications
		Kate Desrochers, Vermont Energy Investment Corporation	"From Geotargeting to Geoenlightenment: Overlaying Disparate Data to Best Target Program Funds and Manage the Grid?"
	Session 2 10:30 am - 12:00 pm Wait - Buildings are for People?!?!	Paolo Bertoldi, EU	Consumer Feedback Systems: How Much Energy Saving Will They Deliver and For How Long?
		Graeme Stuart, Institute of Energy and Sustainable Development	Closing the Feedback Loop: A Systems Approach to Supporting Community-Wide Behavior Change in Non-Domestic Buildings
		Dylan Cutler, National Renewable Energy Laboratory	Creating an Energy Intelligent Campus: Data Integration Challenges and Solutions at a Large Research Campus
Fri 8/26	Session 1 8:30 am - 10:00 am		OPEN SESSION
	Session 2 10:30 am - 12:00 pm		OPEN SESSION