

# EARLY REGISTRATION & PRE-CONFERENCE WORKSHOPS – MONDAY, MARCH 26

11:30am -  
5:00pm

**Early Registration –Badge Pickup Open**  
1:00pm - 5:00pm Exhibitor Setup

## PRE-CONFERENCE WORKSHOPS AGENDA – MONDAY, MARCH 26

2:00pm-  
6:30pm

### PRE-CONFERENCE WORKSHOP SERIES Open to All; No Cost to Attend – Advance Registration Required

#### **“Leading the Charge: Evolving Roles of Women in Energy”**

Introduced by: Lisa Broughton, Suffolk County

Panel 1 (2:00pm - 3:15pm):

Recruiting, Advancing and Retaining Women in the Energy Industry

2:00pm -  
4:30pm

Moderator: Sammy Chu, Edgewise Energy

Panelists: Ellen Redmond, IBEW • Kristine Pizzo, NYPA  
Ed Murphy, Workforce Development Institute • Paul Meyer, WSP USA

Panel 2 (3:15pm - 4:30pm):

Addressing Implicit Bias through Culture and Climate

Moderator: Pat Malone, Stony Brook Center for Corporate Education

Panelists: Alicia Barton, NYSERDA • Kenneth D. Daly, National Grid  
Doon Gibbs, Brookhaven National Lab • Danielle Merfeld, GE Renewable Energy  
Kimberly A. Harriman, New York Power Authority

2:00pm -  
3:30pm

#### **“Shape the State Energy Plan: How Should the State Energy Plan Advance Emerging Energy Technologies?”**

Hosted By: NYSERDA

5:00pm -  
6:30pm

**To Be Announced**

6:30PM



a New York State designated Center of Excellence

**CONFERENCE AGENDA – TUESDAY, MARCH 27**

**CONFERENCE AGENDA – TUESDAY, MARCH 27**

7:00am				<b>Registration Open</b>				7:00am						
8:00am				<b>Breakfast Begins in Exhibit Area - Open Networking</b>				8:00am						
9:00am - 9:05am				<b>Opening Remarks</b> Robert Catell, AERTC				9:00am - 9:05am						
9:05am - 9:20am				<b>Plenary Speaker</b> Richard Kauffman, Office of New York Gov. Andrew Cuomo				9:05am - 9:20am						
9:20am - 9:35am				<b>Keynote Speaker</b> Gil Quiniones, President & CEO, NYPA				9:20am - 9:35am						
9:35am - 9:40am				<b>Closing Logistics</b> Robert Catell, AERTC				9:35am - 9:40am						
9:40AM - 10:15AM				<b>NETWORKING BREAK, VISIT EXHIBITORS, HEAD INTO SESSIONS</b>				9:40AM - 10:15PM						
	<b>TRACK A</b>		<b>TRACK B</b>		<b>TRACK C</b>		<b>TRACK D</b>		<b>TRACK E</b>		<b>TRACK F</b>		<b>TRACK G</b>	
	<b>EVs, Utilities and the Electric Grid</b> CHAIRPERSON: Luke Tonachel, <i>NRDC</i>  John Shipman, <i>Con Edison</i> Nancy Ryan, <i>E3</i> Scott Fisher, <i>Greenlots</i>		<b>Emerging Smart Grid Technologies</b> CHAIRPERSON: Laney Brown, <i>Concentric Energy Advisors</i>  Michael Oshetski, <i>Micatu Incorporated</i> Charles Murray, <i>Switched Source</i> Dr. Bob Currie, <i>Smarter Grid Solutions</i> Peter Lilienthal, PhD, <i>HOMER Energy</i>		<b>Department of Energy R&amp;D</b> CHAIRPERSON: Tom Butcher, <i>Brookhaven National Laboratory</i>  Jon Longtin, PhD, <i>Stony Brook University</i> Dr. Sotirios Mamalis, <i>Stony Brook University</i> Paul Kalb, <i>Brookhaven National Laboratory</i>		<b>Marketing &amp; Branding as R&amp;D Considerations</b> CHAIRPERSON: Mei Shabata, <i>Essense Partners</i>  Kiran Bhatraju, <i>Arcadia Power</i> James Heath, <i>Southern Company</i> David Bend, <i>Nest Labs</i> Jane Parker, <i>Interbrand Health</i>		<b>Advanced Manufacturing Energy Efficiency - Process &amp; Plant</b> CHAIRPERSON: Dr. Robert Ivester, <i>US DoE- Advanced Manufacturing Office</i>  Lenny Poveromo, <i>Composites Prototyping Center</i> Paul Chow, <i>RPI</i>		<b>New York Offshore Wind Master Plan</b> CHAIRPERSON: Stephanie McClellan, PhD, <i>University of Delaware</i>  Doreen Harris, <i>NYSERDA</i> Greg Lampman, <i>NYSERDA</i> Karen Chytalo, <i>NYS DEC</i> Thomas Rienzo, <i>DPS</i>		<b>Sustainable Gas Systems- Public Policies</b> CHAIRPERSON: Dr. Devinder Mahajan, <i>Stony Brook University</i>  Johannes Escudero, <i>Coalition NRG NA</i> Donald Chahbazpour, <i>National Grid</i> Steve Hamburg, <i>EDF- New York</i> Kevin Neumaier, <i>Sustainable Dairy Technologies</i> Curt Gooch, <i>Cornell University</i> Daniel Dessanti, <i>North East Gas</i>	
11:30AM - 12:15PM				<b>NETWORKING BREAK, VISIT EXHIBITORS</b>				11:30AM - 12:15PM						
12:15pm				<b>Lunch Begins and Exhibits Area Now Closes</b>				12:15pm						
<b>PLENARY SESSIONS</b>	12:15pm - 12:20pm			<b>Welcome</b> Robert Catell, AERTC			12:15pm - 12:20pm			<b>PLENARY SESSIONS</b>				
	12:20pm - 12:35pm			<b>Plenary Speaker</b> Alicia Barton, NYSERDA			12:20pm - 12:35pm							
12:35AM - 12:50PM				<b>BREAK, LUNCH TO BE SERVED</b>				12:35AM - 12:50PM						
<b>PLENARY SESSIONS</b>	12:50pm - 1:05pm			<b>Plenary Speaker</b> Dr. Esther Takeuchi, Stony Brook University			12:50pm - 1:05pm			<b>PLENARY SESSIONS</b>				
	1:05pm - 1:20pm			<b>Plenary Speaker</b> Dr. Chris Fall, ARPA - E, U.S. Department of Energy			1:05pm - 1:20pm							
	1:20pm - 1:35pm			<b>Keynote Speaker</b> Danielle Merfeld, CTO, GE Renewable Energy			1:20pm - 1:35pm							
	1:35pm - 1:55pm			<b>Keynote Speaker</b>			1:35pm - 1:55pm							
1:55PM - 2:30PM				<b>NETWORKING BREAK, VISIT EXHIBITORS</b>				1:55PM - 2:30PM						
<b>SESSION II</b> 2:30pm - 3:45pm	<b>Heavy Duty Vehicle Electrification and its Impact</b> CHAIRPERSON: John Markowitz, <i>NYPA</i>  Danny Ilioiu, <i>NYC Transit</i> Michelle McCutcheon-Schour, <i>VEIC</i> Baskar Vairamohan, <i>EPRI</i>		<b>MicroGrids</b> CHAIRPERSON: Francisco Flores, <i>NREL</i>  Andrew Scobie, <i>The Faraday Grid</i> Dr. Arindam Maitra, <i>EPRI</i> Dr. Xianyong Feng, <i>UT-CEM</i>		<b>Advanced Sensing for Smart Energy Management</b> CHAIRPERSON: Patrick Finch, <i>Booz Allen Hamilton</i>  Dr. Ya Wang, <i>Stony Brook University</i> Michael Gouzman, <i>Stony Brook University</i> Paul Tartaglia, <i>ISOC/NYPA</i> Jose Castillo, <i>Jasmine Universe</i>		<b>Challenges &amp; Success of Solar Adoption</b> CHAIRPERSON: Houtan Moaveni, <i>NYSERDA</i>  Joe White, <i>Orange and Rockland</i> Daniel Spitzer, <i>Hodgson Russ LLP</i> Nick Baudouin, <i>Project Economics</i>		<b>Additive Manufacturing via Functional Printing</b> CHAIRPERSON: Dr. Denis Cormier, <i>Rochester Institute of Technology</i>  Arkady Malakhov, <i>Solid Cell</i> Sudhir Kulkarni, <i>PBC Tech</i> John Olenick, <i>EnRG</i>		<b>Developer's Round Table</b> CHAIRPERSON: Joe Martens, <i>NY Offshore Wind Alliance</i>  Thomas Brostrom, <i>Orsted</i> Jeffrey Grybowski, <i>Deepwater Wind</i> Christer af Geijerstam, <i>Statoil</i> Lars Thaaning Pedersen, <i>Copenhagen Infrastructure Partners (CIP)</i>		<b>Sustainable Gas Systems- New Business Models</b> CHAIRPERSON: Keith Rooney, <i>National Grid</i>  Prof. Clive Clayton, <i>Stony Brook University</i> Matt Tomich, <i>Energy Vision</i> Christopher Noble, <i>Noblehurst Green Energy LLC</i> Bill Jorgensen, <i>Vanguard Renewables</i>	
	3:45PM - 4:15PM				<b>NETWORKING BREAK, VISIT EXHIBITORS</b>				3:45PM - 4:15PM					
<b>SESSION III</b> 4:15pm - 5:30pm	<b>Energy Implications of Autonomous Vehicles</b> CHAIRPERSON: Joah Sapphire, <i>Columbia University</i>  Adam Jonas, <i>Morgan Stanley</i> Brad Rutherford, <i>Local Motors</i> Michael Brown, <i>Southwest Research Institute</i>		<b>Role of Utilities in Advancing Microgrids</b> CHAIRPERSON: James T. Gallagher, <i>NYS Smart Grid Consortium</i>  Bob Loughney, <i>Couch White LLP</i> Carol Sedewitz, <i>National Grid</i> Andre Wellington, <i>Con Edison</i>		<b>Built Environment Cybersecurity</b> CHAIRPERSON: Pat Malone, <i>Stony Brook University</i>  Ernest Schirmer, <i>WSP USA</i> Glen Carolo, <i>True Access Networks</i> Joe Klotz, <i>Johnson Controls</i> Wilson Lin, <i>NYCEDC Cybersecurity</i> Kenneth Carnes, <i>NYPA</i> Ignatius Grande, <i>Berkeley Research Group</i>		<b>Transitioning from Net Metering to VDER</b> CHAIRPERSON: David Sandbank, <i>NYSERDA</i>  Sean Garren, <i>Vote Solar</i> Hannah Masterjohn, <i>Clean Energy Collective</i> Ilan Guthertz, <i>Borrego Solar</i> Evan Dube, <i>Sunrun</i>		<b>Additive Manufacturing for Aerospace Applications</b> CHAIRPERSON: Dr. Denis Cormier, <i>Rochester Institute of Technology</i>  Jason Jones, <i>Moog</i> Scott Vader, <i>Vader Systems</i> Wallace Patterson, <i>nTopology</i>		<b>Offshore Wind Policy Considerations in Industry &amp; Port Development</b> CHAIRPERSON: Dr. Kathleen Araujo, <i>Stony Brook Univ.</i>  Bonnie Ram, <i>University of Delaware</i> Ross Tyler, <i>Offshore Wind US</i> Bruce Hamilton, <i>Navigant</i> Andy Geissbuehler, <i>RRi</i>		<b>Technology to Market: Emerging Technologies</b> CHAIRPERSON: Chris Cavanagh, <i>National Grid</i>  Steve Lichtin, <i>Go Electric, Inc.</i> Shailesh Upreti, <i>CAV/Imperium3</i> Angelo D'Anzi, <i>StorEn</i> Dr. Gabriel Rodriguez-Calero, <i>Ecolectro</i> Paul Mutolo, <i>Standard Hydrogen Corp.</i>	
	5:30PM - 6:30PM				<b>RECEPTION, EXHIBITS, JUDGED POSTER SESSION</b>				5:30PM - 6:30PM					
6:30PM				<b>ADJOURNED, REGISTRANTS ARE NOW FREE TO GO OUT TO A LOCAL RESTAURANT FOR DINNER</b>				6:30PM						

**CONFERENCE AGENDA – WEDNESDAY, MARCH 28**

**CONFERENCE AGENDA – WEDNESDAY, MARCH 28**

7:30am				<b>Registration Open &amp; Continental Breakfast Begins in the Exhibit Area - Open Networking Period</b>				7:30am			
8:00am -8:05am				<b>Opening Remarks</b> Dr. Yacov Shamash, Stony Brook University				8:00am -8:05am			
8:05am -8:20am				<b>Keynote Speaker</b>				8:05am -8:20am			
8:20am -8:35am				<b>Plenary Speaker</b> Casey Walsh Cady, California Department of Food and Agriculture				8:20am -8:35am			
8:35am -8:50am				<b>Keynote Speaker</b> Wang Hongguang, PhD, Deputy Director General Chinese Academy of Science and Technology for Development, Ministry of Science and Technology				8:35am -8:50am			
8:50am - 8:55am				<b>Closing Logistics</b> Robert Catell, AERTC				8:50am - 8:55am			
8:55AM - 9:30AM				<b>NETWORKING BREAK, VISIT EXHIBITORS</b>				8:55AM - 9:30AM			
SESSION IV 9:30am - 10:45am	<b>TRACK A</b>	<b>TRACK B</b>	<b>TRACK C</b>	<b>TRACK D</b>	<b>TRACK E</b>	<b>TRACK F</b>	<b>TRACK G</b>				
	<b>Early Stage &amp; Growth Capital</b> CHAIRPERSON: Mark Austin, <i>Bright Capital</i>  Sarah Kearney, <i>PRIME Coalition</i> John Santoleri, <i>Clean Energy Venture Group NY</i> Praveen Sahay, <i>WAVE Equity Partners</i> Rahul Bhalodia, <i>Constellation Technology Ventures</i>	<b>Advanced Distributed Simulation Tools</b> CHAIRPERSON: Jeff Smith, <i>EPRI</i>  Dr. Mohammad Mojedhi, <i>O'Brien and Gere</i> Robert Broadwater, <i>EDD</i> Dave MacRae, <i>Opus One Solutions</i>	<b>Smart Buildings - Owners' Perspective</b> CHAIRPERSON: Joseph Borowiec, <i>NYSERDA</i>  Jerritt Gluck, <i>Bonded Energy</i> John J. Gilbert III, <i>Rudin Management Company, Inc.</i>	<b>Meeting Peak Demands Through Energy Storage</b> CHAIRPERSON: Scott Egbert, <i>NYSERDA</i>  Ravi Manghani, <i>GTM Research</i> Christian Perreault, <i>Hydro-Quebec</i> Rick Cutright, <i>GE</i> John Bellacicco, <i>Stem</i>	<b>The Future of a Digital Utility</b> CHAIRPERSON: Kaamil Dalal, <i>West Monroe Partners</i>  Doug McMahon, <i>NYPA</i> Steve Sundstrom, <i>C3IoT</i> Kevin Dick, <i>Programs Delta Institute</i> Kristin Barbato John Sprunger, <i>West Monroe Partners</i>	<b>Offshore Wind Workforce</b> CHAIRPERSON: Ross Gould, <i>WDI</i>  Chris Van Beek, <i>Deepwater Wind</i> Matt Vestal, <i>NYSERDA</i> Janice Padula, <i>Clinton Community College</i>	<b>Emerging Technologies</b> CHAIRPERSON: David South, <i>West Monroe Partners</i>  Gadi Sharir, <i>Brenmiller</i> Michael Brookman, <i>BRASH Power</i> Jason Salfi, <i>Dimensional Energy</i>				
10:45AM - 11:30AM				<b>NETWORKING BREAK, VISIT EXHIBITORS</b>				10:45AM - 11:30AM			
SESSION V 11:30am - 12:45pm	<b>Raising Capital: Lessons Learned</b> CHAIRPERSON: Mark Sperry, <i>Sperry Energy</i>  Dr. Gabriel Rodriguez-Calero, <i>Ecoelectro</i> Andy Frank, <i>Sealed</i> Colleen Costello, <i>Vital Vio</i> Rob Anstey, <i>Graphenix Development</i>	<b>The DSO/DSP Transition</b> CHAIRPERSON: Dr. Bob Currie, <i>Smarter Grid Solutions</i>  Damian Sciano, <i>Con Edison</i> Kevin Morissey, <i>Smarter Grid Solutions</i> Keith Bell, <i>University of Strathclyde</i> Simon Gill, <i>University of Strathclyde</i> Will Fisher, <i>Summit Ridge Energy</i> Michael Razanousky, <i>NYSERDA</i>	<b>Smart Buildings Solutions</b> CHAIRPERSON: Dr. Edward A. Bogucz, <i>Syracuse University</i>  Steve Lynch, <i>IntellaStar</i> John Petze, <i>Skyfoundry</i> Dan Leonhardt, <i>EcoSystems</i> Seth Frader-Thompson, <i>EnergyHub</i>	<b>Energy Storage Permitting Requirements</b> CHAIRPERSON: Jason Doling, <i>NYSERDA</i>  Tria Case, <i>CUNY</i> Paul Rogers, <i>FDNY</i>	<b>Big Data in the Utility Environment</b> CHAIRPERSON: Paul DeCotis, <i>West Monroe Partners</i>  Jorge Calzada, <i>National Grid</i> Steve Fine, <i>ICF Consulting</i> Trin Ankurb, <i>Infosys Utility Business Unit</i> Cameron Cross, <i>West Monroe Partners</i>	<b>Offshore Wind Technologies to Reduce Costs</b> CHAIRPERSON: TO BE ANNOUNCED  Dr. Jeff Freedman, <i>University at Albany</i> Mike Passaretti, <i>ULC Robotics</i>	<b>Heat Pumps: Utilities, Emerging Business Models and Enabling R&amp;D</b> CHAIRPERSON: Donovan Gordon, <i>NYSERDA</i>  Bob Wyman Jens Ponikau, <i>GroundUp</i> Chong "John" Lin, <i>National Grid</i> Margarett Jolly, <i>Con Edison</i>				
	12:45PM - 1:15PM				<b>NETWORKING BREAK, VISIT EXHIBITORS</b>				12:45PM - 1:15PM		
1:15pm				<b>Lunch Begins &amp; Exhibit Area Will Close</b>				1:15pm			
PLENARY SESSION	1:15pm -1:20pm	<b>Welcome</b> Samuel L. Stanley Jr., MD, President, Stony Brook University						1:15pm -1:20pm	PLENARY SESSION		
	1:20pm -1:30pm	<b>Opening Remarks</b> Chancellor Kristina M. Johnson, PhD, The State University of New York						1:20pm -1:30pm			
	1:30pm -1:50pm	<b>Fireside Chat</b> John Rhodes, Chair, New York State Department of Public Service Katherine Hamilton, Chair 38 North Solutions						1:30pm -1:50pm			
1:50PM - 2:05PM				<b>BREAK, LUNCH TO BE SERVED</b>				1:50PM - 2:05PM			
PLENARY SESSION	2:05pm -2:55pm	<b>Keynote Panel of Utilities</b> Kenneth Daly, National Grid • Tim Cawley, Con Edison Dan Eichhorn, PSEG-LI • Steve Demers, Hydro-Quebec International Peter Oleksiak, DTE Energy • More Utilities to be Added						2:05pm -2:55pm	PLENARY SESSION		
	2:55pm -3:10pm	<b>Plenary Speaker</b> Thierry Godart, Intel Corporation						2:55pm -3:10pm			
	3:10pm -3:25pm	<b>Keynote Speaker</b> Brad Gammons, Global Managing Director, IBM Energy, Environment and Utilities Industry						3:10pm -3:25pm			
	3:25pm -3:40pm	<b>Plenary Speaker</b>						3:25pm -3:40pm			
	3:40pm - 3:45pm	<b>Closing Remarks</b> Robert Catell, AERTC						3:40pm - 3:45pm			
3:45PM - 4:00PM				<b>NETWORKING BREAK, VISIT EXHIBITORS</b>				3:45PM - 4:00PM			
4:00PM				<b>CONFERENCE ADJOURNED</b>				4:00PM			