

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

12:00pm -  
5:00pm

**Early Registration – Badge Pickup Open**  
12:00pm - 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 University Center for Corporate Education

Panelists: Alicia Barton, NYSERDA • Kenneth D. Daly, National Grid

Dr. Doon Gibbs, Brookhaven National Laboratory • 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				Registration Open				7:00am						
8:00am				Breakfast Begins in Exhibit Area - Open Networking				8:00am						
<b>PLENARY SESSION</b> <i>6th Floor, Broadway Ballroom</i>	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>SESSION I</b> 10:15am - 11:30am <i>7th Floor</i>	<b>TRACK A</b> <b>EVs, Utilities and the Electric Grid</b> CHAIRPERSON: Luke Tonachel, <i>NRDC</i> John Shipman, <i>Con Edison</i> Nancy Ryan, <i>Energy + Environmental Economics (E3)</i> Scott Fisher, <i>Greenlots</i> Karsten Bardle, <i>National Grid</i>		<b>TRACK B</b> <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>TRACK C</b> <b>Department of Energy R&amp;D</b> CHAIRPERSON: Dr. Thomas A. 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> Eli Leland, PhD, <i>Voltaiq</i>		<b>TRACK D</b> <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>TRACK E</b> <b>Advanced Manufacturing Policies and Practices</b> CHAIRPERSON: Dr. Robert Ivester, <i>US DoE - Advanced Manufacturing Office</i> Leonard Poveromo, <i>Composites Prototyping Center</i> Dr. Paul Chow, <i>RPI</i> Daniel Ocorr, <i>Kodak</i>		<b>TRACK F</b> <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>NYS DPS</i>		<b>TRACK G</b> <b>Sustainable Gas Systems- Public Policies</b> CHAIRPERSON: Dr. Devinder Mahajan, <i>Stony Brook University</i> Johannes Escudero, <i>RNG Coalition</i> Donald Chahbazpour, <i>National Grid</i> Ilissa Ocko, PhD, <i>EDF</i> Kevin Neumaier, <i>Sustainable Dairy Technologies</i> Curt Gooch, <i>Cornell University</i> Dan Dessanti, <i>Northeast Gas Assoc.</i> Christopher Voell, <i>US EPA</i>	
	11:30AM - 12:15PM				<b>NETWORKING BREAK, VISIT EXHIBITORS</b>				11:30AM - 12:15PM					
12:15pm				<b>Lunch Begins &amp; Exhibit Area Will Close</b>				12:15pm						
<b>PLENARY SESSION</b> <i>6th Floor, Broadway Ballroom</i>	12:15pm - 12:20pm			<b>Welcome</b> Robert Catell, AERTC				12:15pm - 12:20pm						
	12:20pm - 12:35pm			<b>Plenary Speaker</b> Alicia Barton, NYSERDA				12:20pm - 12:35pm						
	12:50pm - 1:05pm			<b>Plenary Speaker</b> Dr. Esther Takeuchi, Stony Brook University				12:50pm - 1:05pm						
	1:05pm - 1:20pm			<b>Plenary Speaker</b> Dr. Chris Fall, Advanced Research Projects Agency-Energy (ARPA-E)				1:05pm - 1:20pm						
	1:20pm - 1:35pm			<b>Keynote Speaker</b> Danielle Merfeld, CTO, GE Renewable Energy				1:20pm - 1:35pm						
	1:35pm - 1:50pm			<b>Keynote Speaker</b> Dr. Ami Appelbaum, Israel Innovation Authority				1:35pm - 1:50pm						
1:50PM - 2:30PM				<b>NETWORKING BREAK, VISIT EXHIBITORS</b>				1:50PM - 2:30PM						
<b>SESSION II</b> 2:30pm - 3:45pm <i>7th Floor</i>	<b>Heavy Duty Vehicle Electrification and its Impact</b> CHAIRPERSON: John Markowitz, <i>NYPA</i> Danny Ilioiu, <i>MTA NYC Transit</i> Bethany Whitaker, <i>VEIC</i> Baskar Vairamohan, <i>EPRI</i> Peter Rego, <i>The Lion Electric Co.</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> Arunkumar Vedhathiri, <i>National Grid</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> Dr. Michael Gouzman, <i>Stony Brook University</i> Daniel Rousse, <i>T3E</i> Jose Castillo, <i>Jasmine Universe</i> Rebecca Hughes, <i>NYPA</i>		<b>Challenges &amp; Success of Solar Adoption</b> CHAIRPERSON: Houtan Moaveni, <i>NYSERDA</i> Joe White, <i>Orange &amp; Rockland Utilities, Inc.</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>Ørsted</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> Sean Gleeson, <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 <i>7th Floor</i>	<b>Energy Implications of Autonomous Vehicles</b> CHAIRPERSON: Joah Sapphire, <i>Axial + GDG</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</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> Stephen Wemple, <i>Con Edison</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> Michael Leach, <i>nTopology</i> Carl Johnson, <i>Norsk Titanium</i>		<b>Offshore Wind Policy Considerations in Industry &amp; Port Development</b> CHAIRPERSON: Dr. Kathleen Araújo, <i>Stony Brook Univ.</i> Bonnie Ram, <i>University of Delaware</i> Ross Tyler, <i>Business Network for Offshore Wind</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> Steven Lichtin, <i>Go Electric, Inc.</i> Dr. Shailesh Upreti, <i>C4V</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 **Registration Open & Continental Breakfast Begins in the Exhibit Area - Open Networking Period** 7:30am

<b>PLENARY SESSION</b> <i>6th Floor, Broadway Ballroom</i>	8:00am -8:05am	<b>Opening Remarks</b> Dr. Yacov Shamash, Stony Brook University	<b>Opening Remarks</b> Dr. Yacov Shamash, Stony Brook University	8:00am -8:05am	<b>PLENARY SESSION</b> <i>6th Floor, Broadway Ballroom</i>
	8:05am -8:20am	<b>Keynote Speaker</b> Pierre Moreau, Minister of Energy and Natural Resources, Quebec	<b>Keynote Speaker</b> Pierre Moreau, Minister of Energy and Natural Resources, Quebec	8:05am -8:20am	
	8:20am -8:35am	<b>Plenary Speaker</b> Casey Walsh Cady, California Department of Food and Agriculture	<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> Hongguang Wang, PhD, Deputy Director General Chinese Academy of Science and Technology for Development, Ministry of Science and Technology	<b>Keynote Speaker</b> Hongguang Wang, 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	<b>Closing Logistics</b> Robert Catell, AERTC	8:50am - 8:55am	

8:55AM - 9:30AM **NETWORKING BREAK, VISIT EXHIBITORS** 8:55AM - 9:30AM

<b>SESSION IV</b> 9:30am - 10:45am <i>7th Floor</i>	<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> Bill Lese, <i>Braemar Energy 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 Demand 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 Energy</i> Ray Johenstein, <i>AES</i>	<b>The Digital Utility</b> CHAIRPERSON: Kaumil Dalal, <i>West Monroe Partners</i> Doug McMahon, <i>NYPA</i> Steve Sundstrom, <i>C3 IOT</i> Kevin Dick, <i>Delta Institute</i> Kristin Barbato, <i>Independent Consultant</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> Doron Brenmiller, <i>Brenmiller Energy</i> Michael Brookman, <i>BRASH Power</i> Jason Salfi, <i>Dimensional Energy</i> Dave Hershberg, <i>STS Global</i> Thomas Thundat, <i>University at Buffalo</i>

10:45AM - 11:30AM **NETWORKING BREAK, VISIT EXHIBITORS** 10:45AM - 11:30AM

<b>SESSION V</b> 11:30am - 12:45pm <i>7th Floor</i>	<b>Raising Capital: Lessons Learned</b> CHAIRPERSON: Mark Sperry, <i>Sperry Energy</i> Dr. Gabriel Rodriguez-Calero, <i>Ecolectro</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>EcoSystem Energy</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> Victoria Carey, <i>DNV GL</i>	<b>Big Data Analytics</b> CHAIRPERSON: Paul DeCotis, <i>West Monroe Partners</i> Jorge Calzada, <i>National Grid</i> Jeff Adams, <i>ICF Consulting</i> Trin Ankurb, <i>Infosys Utility Business Unit</i>	<b>Offshore Wind Technologies to Reduce Costs</b> CHAIRPERSON: Matthew Palmer, <i>WSP</i> 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, <i>Independent Consultant</i> Jens Ponikau, <i>GroundUp</i> Chong "John" Lin, <i>National Grid</i> Margarett Jolly, <i>Con Edison</i>
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12:45PM - 1:15PM **NETWORKING BREAK, VISIT EXHIBITORS** 12:45PM - 1:15PM

1:15pm **Lunch Begins & Exhibit Area Will Close** 1:15pm

<b>PLENARY SESSION</b> <i>6th Floor, Broadway Ballroom</i>	1:15pm -1:20pm	<b>Welcome</b> Samuel L. Stanley Jr., MD, President, Stony Brook University	<b>Welcome</b> Samuel L. Stanley Jr., MD, President, Stony Brook University	1:15pm -1:20pm	<b>PLENARY SESSION</b> <i>6th Floor, Broadway Ballroom</i>
	1:20pm -1:30pm	<b>Opening Remarks</b> Chancellor Kristina M. Johnson, PhD, The State University of New York	<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	<b>Fireside Chat</b> John Rhodes, Chair, New York State Department of Public Service Katherine Hamilton, Chair, 38 North Solutions	1:30pm -1:50pm	
	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	<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	2:05pm -2:55pm	
	2:55pm -3:10pm	<b>Plenary Speaker</b> Dr. Thierry Godart, Intel Corporation	<b>Plenary Speaker</b> Dr. 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	<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>	<b>Plenary Speaker</b>	3:25pm -3:40pm	
	3:40pm - 3:45pm	<b>Closing Remarks</b> Robert Catell, AERTC	<b>Closing Remarks</b> Robert Catell, AERTC	3:40pm - 3:45pm	

3:45PM - 4:00PM **NETWORKING BREAK, VISIT EXHIBITORS** 3:45PM - 4:00PM

4:00PM **CONFERENCE ADJOURNED** 4:00PM