

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-
6:00pm

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 • Kimberly A. Harriman, New York Power Authority
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, PhD, GE Renewable Energy
Kristine Pizzo, New York Power Authority

2:00pm -
3:30pm

How Should Emerging Energy Technologies Advance the State Energy Plan Goals?

Hosted By: NYSERDA

5:00pm -
6:00pm

Welcome Reception
(AEC2018 Registered Attendees)

6:00PM

ADJOURNED, REGISTRANTS ARE NOW FREE TO GO OUT TO A LOCAL RESTAURANT FOR DINNER



a New York State designated Center of Excellence

CONFERENCE AGENDA – TUESDAY, MARCH 27

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|---|-----------------|--|--|--|--|--|--|--|--|-----------------|---|
| 7:00AM | | Registration Open | | | | Registration Open | | | | 7:00AM | |
| 8:00AM | | Breakfast Begins in Exhibit Area - Open Networking | | | | Breakfast Begins in Exhibit Area - Open Networking | | | | 8:00AM | |
| PLENARY SESSION <i>6th Floor, Broadway Ballroom</i> | 9:00am - 9:05am | Opening Remarks Robert B. Catell, AERTC | | | | Opening Remarks Robert B. Catell, AERTC | | | | 9:00am - 9:05am | PLENARY SESSION <i>6th Floor, Broadway Ballroom</i> |
| | 9:05am - 9:20am | Plenary Speaker Richard Kauffman, Office of New York Gov. Andrew Cuomo | | | | Plenary Speaker Richard Kauffman, Office of New York Gov. Andrew Cuomo | | | | 9:05am - 9:20am | |
| | 9:20am - 9:35am | Keynote Speaker Gil C. Quiniones, President & CEO, NYPA | | | | Keynote Speaker Gil C. Quiniones, President & CEO, NYPA | | | | 9:20am - 9:35am | |
| | 9:35am - 9:40am | Closing Logistics Robert B. Catell, AERTC | | | | Closing Logistics Robert B. Catell, AERTC | | | | 9:35am - 9:40am | |

9:40AM - 10:15AM NETWORKING BREAK, VISIT EXHIBITORS - 5TH FLOOR NETWORKING BREAK, VISIT EXHIBITORS - 5TH FLOOR 9:40AM - 10:15PM

| | | TRACK A | TRACK B | TRACK C | TRACK D | TRACK E | TRACK F | TRACK G |
|---|---|--|--|---|--|--|---|---------|
| SESSION I 10:15am - 11:30am <i>7th Floor</i> | EVs, Utilities and the Electric Grid | Emerging Smart Grid Technologies | Department of Energy R&D | Marketing & Branding as R&D Considerations | Advanced Manufacturing Policies and Practices | New York Offshore Wind Master Plan | Sustainable Gas Systems-Public Policies | |
| | 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 Barde, <i>National Grid</i> | 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> | 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> | CHAIRPERSON: Mei Shibata, <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> | CHAIRPERSON: Dr. Robert Ivester, <i>US DoE - Advanced Manufacturing Office</i> Leonard Poveromo, <i>Composites Prototyping Center</i> T. Paul Chow, <i>RPI</i> Daniel Ocorr, <i>Kodak</i> | 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> Michael Snyder, <i>NYS DOS</i> | 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> Dan Dessanti, <i>Northeast Gas Assoc.</i> Christopher Voell, <i>US EPA</i> | |

11:30AM - 12:15PM NETWORKING BREAK, VISIT EXHIBITORS - 5TH FLOOR NETWORKING BREAK, VISIT EXHIBITORS - 5TH FLOOR 11:30AM - 12:15PM

12:15PM Lunch Begins & Exhibit Area Will Close Lunch Begins & Exhibit Area Will Close 12:15PM

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|---|-------------------|---|--|--|--|---|--|--|--|-------------------|---|
| PLENARY SESSION <i>6th Floor, Broadway Ballroom</i> | 12:15pm - 12:20pm | Welcome Robert B. Catell, AERTC | | | | Welcome Robert B. Catell, AERTC | | | | 12:15pm - 12:20pm | PLENARY SESSION <i>6th Floor, Broadway Ballroom</i> |
| | 12:20pm - 12:35pm | Plenary Speaker Alicia Barton, NYSERDA | | | | Plenary Speaker Alicia Barton, NYSERDA | | | | 12:20pm - 12:35pm | |
| | 12:50pm - 1:05pm | Plenary Speaker Dr. Esther Takeuchi, Stony Brook University | | | | Plenary Speaker Dr. Esther Takeuchi, Stony Brook University | | | | 12:50pm - 1:05pm | |
| | 1:05pm - 1:20pm | Plenary Speaker Dr. Chris Fall, Advanced Research Projects Agency-Energy (ARPA-E) | | | | Plenary Speaker Dr. Chris Fall, Advanced Research Projects Agency-Energy (ARPA-E) | | | | 1:05pm - 1:20pm | |
| | 1:20pm - 1:35pm | Keynote Speaker Danielle Merfeld, PhD, CTO, GE Renewable Energy | | | | Keynote Speaker Danielle Merfeld, PhD, CTO, GE Renewable Energy | | | | 1:20pm - 1:35pm | |
| | 1:35pm - 1:50pm | Keynote Speaker Dr. Ami Appelbaum, Israel Innovation Authority | | | | Keynote Speaker Dr. Ami Appelbaum, Israel Innovation Authority | | | | 1:35pm - 1:50pm | |

1:50PM - 2:30PM NETWORKING BREAK, VISIT EXHIBITORS - 5TH FLOOR NETWORKING BREAK, VISIT EXHIBITORS - 5TH FLOOR 1:50PM - 2:30PM

| | | Heavy Duty Vehicle Electrification and its Impact | MicroGrids | Advanced Sensing for Smart Energy Management | Challenges & Successes of Solar Adoption | Additive Manufacturing via Functional Printing | Developer's Round Table | Sustainable Gas Systems-New Business Models |
|--|---|---|--|--|--|--|---|---|
| SESSION II 2:30pm - 3:45pm <i>7th Floor</i> | 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> Dan Welch, <i>CALSTART</i> | 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> | 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>Energy Solutions Air</i> Jose Castillo, <i>Jasmine Universe</i> Rebecca Hughes, <i>NYPA</i> | CHAIRPERSON: Houtan Moaveni, <i>NYSERDA</i> Joe White, <i>Orange & Rockland Utilities, Inc.</i> Daniel Spitzer, <i>Hodgson Russ LLP</i> Nick Baudouin, <i>PowerMarket</i> Garrett Nilsen, <i>US DoE</i> | 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> | 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> | 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> Peter Wright, <i>Cornell University</i> | |

3:45PM - 4:15PM NETWORKING BREAK, VISIT EXHIBITORS - 5TH FLOOR NETWORKING BREAK, VISIT EXHIBITORS - 5TH FLOOR 3:45PM - 4:15PM

| | | Energy Implications of Autonomous Vehicles | Role of Utilities in Advancing Microgrids | Built Environment Cybersecurity | Transitioning from Net Metering | Additive Manufacturing for Aerospace Applications | Offshore Wind Policy Considerations in Industry & Port Development | Technology to Market |
|---|--|--|--|--|--|---|---|----------------------|
| SESSION III 4:15pm - 5:30pm <i>7th Floor</i> | 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> | CHAIRPERSON: James T. Gallagher, <i>NYS Smart Grid Consortium</i> Bob Loughney, <i>Couch White LLP</i> David Lovelady, <i>National Grid</i> Andre Wellington, <i>Con Edison</i> Don Mathew, <i>PSEG</i> | 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> | CHAIRPERSON: David Sandbank, <i>NYSERDA</i> Sean Garren, <i>Vote Solar</i> Hannah Muller, <i>Clean Energy Collective</i> Ilan Guthertz, <i>Borrego Solar</i> Evan Dube, <i>Sunrun</i> Stephen Wemple, <i>Con Edison</i> | 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> | 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> | CHAIRPERSON: Chris Cavanagh, <i>National Grid</i> Jon Garrity, <i>TagUp</i> Dr. Shailesh Upreti, <i>C4V</i> Angelo D'Anzi, <i>StorEn</i> Dr. Gabriel Rodriguez-Calero, <i>Ecoelectro</i> Paul Mutolo, <i>Standard Hydrogen Corp.</i> | |

5:30PM - 6:30PM RECEPTION, EXHIBITS, JUDGED POSTER SESSION - 5TH FLOOR RECEPTION, EXHIBITS, JUDGED POSTER SESSION - 5TH FLOOR 5:30PM - 6:30PM

6:30PM ADJOURNED, REGISTRANTS ARE NOW FREE TO GO OUT TO A LOCAL RESTAURANT FOR DINNER ADJOURNED, REGISTRANTS ARE NOW FREE TO GO OUT TO A LOCAL RESTAURANT FOR DINNER 6:30PM

CONFERENCE AGENDA – WEDNESDAY, MARCH 28

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|---|---|---|--|---|---|---|--|--|--|
| 7:30AM | | Registration Open | | | | 7:30AM | | | |
| 7:30AM | | Breakfast Begins in Exhibit Area - Open Networking | | | | 7:30AM | | | |
| PLENARY SESSION <i>6th Floor, Broadway Ballroom</i> | 8:00am -8:05am | Opening Remarks Dr. Yacov Shamash, Stony Brook University | | | | 8:00am -8:05am | PLENARY SESSION <i>6th Floor, Broadway Ballroom</i> | | |
| | 8:05am -8:20am | Plenary Speaker Casey Walsh Cady, California Department of Food and Agriculture | | | | 8:05am -8:20am | | | |
| | 8:20am -8:35am | Keynote Speaker Hongguang Wang, PhD, Deputy Director General Chinese Academy of Science and Technology for Development, Ministry of Science and Technology | | | | 8:20am -8:35am | | | |
| | 8:35am - 8:40am | Closing Logistics Robert B. Catell, AERTC | | | | 8:35am - 8:40am | | | |
| 8:40AM - 9:15AM | | NETWORKING BREAK, VISIT EXHIBITORS - 5TH FLOOR | | | | 8:40AM - 9:15AM | | | |
| SESSION IV 9:15am - 10:30am <i>7th Floor</i> | TRACK A | TRACK B | TRACK C | TRACK D | TRACK E | TRACK F | TRACK G | | |
| | Early Stage & Growth Capital 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> | Advanced Distributed Simulation Tools CHAIRPERSON: Jeff Smith, <i>EPRI</i> Dr. Mohammad Mojdehi, <i>O'Brien and Gere</i> Robert Broadwater, <i>EDD</i> Dave MacRae, <i>Opus One Solutions</i> | Smart Buildings - Owners' Perspective CHAIRPERSON: Joseph Borowiec, <i>NYSERDA</i> Jerritt Gluck, <i>Bonded Energy</i> John J. Gilbert III, <i>Rudin Management Company, Inc.</i> Luke Falk, <i>Related Management</i> Mike Reed, <i>NYSERDA</i> Tony East, <i>Finkelstein Timberger East</i> | Meeting Peak Demand Through Energy Storage CHAIRPERSON: Scott Egbert, <i>NYSERDA</i> Ravi Manghani, <i>GTM Research</i> Christian Perreault, <i>Hydro-Québec</i> Rick Cutright, <i>GE</i> John Bellaciccio, <i>Stem Energy</i> Ray Hohenstein, <i>AES</i> | The Digital Utility 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> | Offshore Wind Workforce 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> Michael Yee, <i>Local Union 3 IBEW</i> | Emerging Technologies 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> | | |
| 10:30AM - 11:15AM | | NETWORKING BREAK, VISIT EXHIBITORS - 5TH FLOOR | | | | 10:30AM - 11:15AM | | | |
| SESSION V 11:15am - 12:30pm <i>7th Floor</i> | Raising Capital: Lessons Learned 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> | The DSO/DSP Transition 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 Fischer, <i>Summit Ridge Energy</i> Michael Razanousky, <i>NYSERDA</i> | Smart Buildings Solutions CHAIRPERSON: Dr. Edward A. Bogucz, <i>Syracuse University</i> Terry Casey, <i>IntellaStar</i> John Petze, <i>Skyfoundry</i> Dan Leonhardt, <i>EcoSystem Energy</i> David Klatt, <i>Energy Technology Savings</i> | Energy Storage Permitting Requirements CHAIRPERSON: Jason Doling, <i>NYSERDA</i> Tria Case, <i>CUNY</i> Paul Rogers, <i>FDNY</i> Victoria Carey, <i>DNV GL</i> | Big Data Analytics CHAIRPERSON: Paul DeCotis, <i>West Monroe Partners</i> Jorge Calzada, <i>National Grid</i> Jeff Adams, <i>ICF Consulting</i> Mamoon Latif, <i>Infosys Utility Business Unit</i> Shannon Tassin, <i>Infosys Utility Business Unit</i> Alan McMorrán, <i>Open Grid Systems</i> | Offshore Wind Technologies to Reduce Costs CHAIRPERSON: Matthew Palmer, <i>WSP</i> Dr. Jeff Freedman, <i>University at Albany</i> Mike Passaretti, <i>ULC Robotics</i> Matt Filippelli, <i>AWS Truepower</i> Kevin Pearce, <i>Siemens</i> | Heat Pumps: Utilities, Emerging Business Models and Enabling R&D 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> Jean-Philippe Drouin, <i>Ecosystem</i> | | |
| | 12:30PM - 1:00PM | | NETWORKING BREAK, VISIT EXHIBITORS - 5TH FLOOR | | | | 12:30PM - 1:00PM | | |
| 1:00PM | | Lunch Begins & Exhibit Area Will Close | | | | 1:00PM | | | |
| PLENARY SESSION <i>6th Floor, Broadway Ballroom</i> | 1:00pm -1:05pm | Welcome Samuel L. Stanley Jr., MD, President, Stony Brook University | | | | 1:00pm -1:05pm | PLENARY SESSION <i>6th Floor, Broadway Ballroom</i> | | |
| | 1:05pm -1:15pm | Opening Remarks Chancellor Kristina M. Johnson, PhD, The State University of New York | | | | 1:05pm -1:15pm | | | |
| | 1:15pm -1:35pm | Fireside Chat John Rhodes, Chair, New York State Department of Public Service Katherine Hamilton, Chair, 38 North Solutions | | | | 1:15pm -1:35pm | | | |
| | 1:55pm -2:45pm | Keynote Panel of Utilities Tim Cawley, Con Edison Steve Demers, Hydro-Québec International • Dan Eichhorn, PSEG-LI Kayte O'Neill, National Grid • Peter Oleksiak, DTE Energy | | | | 1:55pm -2:45pm | | | |
| | 2:45pm -3:00pm | Plenary Speaker Dr. Thierry Godart, Intel Corporation | | | | 2:45pm -3:00pm | | | |
| | 3:00pm -3:15pm | Keynote Speaker Pierre Moreau, Minister of Energy and Natural Resources, Québec | | | | 3:00pm -3:15pm | | | |
| | 3:15pm -3:30pm | Keynote Speaker Brad Gammons, Global Managing Director, IBM Energy, Environment and Utilities Industry | | | | 3:15pm -3:30pm | | | |
| 3:30pm - 3:35pm | Closing Remarks Robert B. Catell, AERTC | | | | 3:30pm - 3:35pm | | | | |
| 3:35PM - 4:00PM | | NETWORKING BREAK, VISIT EXHIBITORS - 5TH FLOOR | | | | 3:35PM - 4:00PM | | | |
| 4:00PM | | CONFERENCE ADJOURNED | | | | 4:00PM | | | |