

## 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”

2:00pm -  
4:30pm

Panel 1 (2:00pm - 3:15pm): Leaders in clean energy share their experience in the recruitment, advancement and retention of women in the industry.

Panel 2 (3:15pm - 4:30pm): Hear from industry leaders who’ve fostered climates of inclusivity and gender equality - and are reaping the benefits of a world class workforce.

2:00pm -  
5:00pm

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

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  |   |  |  | Registration Open   |  |  |  | 7:00am            |                  |
| 8:00am                         |  | Breakfast Begins in Exhibit Area - Open Networking   |   |  |  | Breakfast Begins in Exhibit Area - Open Networking  |  |  |  | 8:00am            |                  |
| 9:00am - 9:05am                |  | Opening Remarks Robert Catell, AERTC   |   |  |  | Opening Remarks Robert Catell, AERTC  |  |  |  | 9:00am - 9:05am   |                  |
| 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 Quiniones, President & CEO, NYPA   |   |  |  | Keynote Speaker Gil Quiniones, President & CEO, NYPA  |  |  |  | 9:20am - 9:35am   |                  |
| 9:35am - 9:40am                |  | Closing Logistics Robert Catell, AERTC   |   |  |  | Closing Logistics Robert Catell, AERTC  |  |  |  | 9:35am - 9:40am   |                  |
| 9:40AM - 10:15AM               |  | NETWORKING BREAK, VISIT EXHIBITORS, HEAD INTO SESSIONS   |   |  |  | NETWORKING BREAK, VISIT EXHIBITORS, HEAD INTO SESSIONS  |  |  |  | 9:40AM - 10:15PM  |                  |
| SESSION I<br>10:15am - 11:30am | <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><br>CHAIRPERSON: Luke Tonachel, NRDC<br>PRESENTERS: TO BE ANNOUNCED | <b>Emerging Smart Grid Technologies</b><br>CHAIRPERSON: Laney Brown, Concentric Energy Advisors<br>PRESENTERS: TO BE ANNOUNCED | <b>Department of Energy R&amp;D Projects</b><br>PRESENTERS: TO BE ANNOUNCED | <b>Marketing &amp; Branding as R&amp;D Considerations</b><br>CHAIRPERSON: Mei Shabata, Essense Partners<br>PRESENTERS: TO BE ANNOUNCED | <b>Advanced Manufacturing Energy Efficiency - Process &amp; Plant</b><br>CHAIRPERSON: Dr. Robert Ivester, US DoE- Advanced Manufacturing Office<br>PRESENTERS: TO BE ANNOUNCED | <b>New York Offshore Wind Master Plan</b><br>CHAIRPERSON: Stephanie McLellan, University of Delaware<br>PRESENTERS: TO BE ANNOUNCED | <b>Sustainable Gas Systems- Public Polices</b><br>CHAIRPERSON: Dr. Devinder Mahajan, Institute of Gas Innovation and Technology<br>PRESENTERS: TO BE ANNOUNCED |  |  |                   |                  |
| 11:30AM - 12:15PM              |  | NETWORKING BREAK, VISIT EXHIBITORS   |   |  |  | NETWORKING BREAK, VISIT EXHIBITORS  |  |  |  | 11:30AM - 12:15PM |                  |
| 12:15pm                        |  | Lunch Begins and Exhibits Area Now Closes  |   |  |  | Lunch Begins and Exhibits Area Now Closes   |  |  |  | 12:15pm           |                  |
| PLENARY SESSIONS               | 12:15pm - 12:20pm  | Welcome Robert Catell, AERTC   |   |  |  | Welcome Robert Catell, AERTC  |  |  |  | 12:15pm - 12:20pm | PLENARY SESSIONS |
|                                | 12:20pm - 12:35pm  | Plenary Speaker Alicia Barton, NYSERDA   |   |  |  | Plenary Speaker Alicia Barton, NYSERDA  |  |  |  | 12:20pm - 12:35pm |                  |
| 12:35AM - 12:50PM              |  | BREAK, LUNCH TO BE SERVED  |   |  |  | BREAK, LUNCH TO BE SERVED   |  |  |  | 12:35AM - 12:50PM |                  |
| PLENARY SESSIONS               | 12:50pm - 1:05pm   | Plenary Speaker Dr. Esther Takeuchi, Stony Brook University  |   |  |  | Plenary Speaker Dr. Esther Takeuchi, Stony Brook University   |  |  |  | 12:50pm - 1:05pm  | PLENARY SESSIONS |
|                                | 1:05pm - 1:20pm  | Plenary Speaker  |   |  |  | Plenary Speaker   |  |  |  | 1:05pm - 1:20pm   |                  |
|                                | 1:20pm - 1:35pm  | Plenary Speaker Danielle Merfeld, GE   |   |  |  | Plenary Speaker Danielle Merfeld, GE  |  |  |  | 1:20pm - 1:35pm   |                  |
|                                | 1:35pm - 1:55pm  | Keynote Speaker  |   |  |  | Keynote Speaker   |  |  |  | 1:35pm - 1:55pm   |                  |
| 1:55PM - 2:30PM                |  | NETWORKING BREAK, VISIT EXHIBITORS   |   |  |  | NETWORKING BREAK, VISIT EXHIBITORS  |  |  |  | 1:55PM - 2:30PM   |                  |
| SESSION II<br>2:30pm - 3:45pm  | <b>Heavy Duty Vehicle Electrification and its Impact</b>   | <b>MicroGrids</b>  | <b>Advanced Sensing for Smart Energy Management</b>                         | <b>Challenges &amp; Success of Solar Adoption</b>  | <b>Additive Manufacturing via Functional Printing</b>  | <b>Developer's Round Table</b>  | <b>Sustainable Gas Systems- New Business Models</b>  |  |  |                   |                  |
|                                | CHAIRPERSON: John Markowitz, NYPA<br>PRESENTERS: TO BE ANNOUNCED   | CHAIRPERSON: Julieta Giraldez, NREL<br>PRESENTERS: TO BE ANNOUNCED   | CHAIRPERSON: Dr. Patrick Finch, ARPA-e<br>PRESENTERS: TO BE ANNOUNCED       | CHAIRPERSON: Houtan Moaveni, NYSERDA<br>PRESENTERS: TO BE ANNOUNCED  | CHAIRPERSON: Dr. Denis Cormier, Rochester Institute of Technology<br>PRESENTERS: TO BE ANNOUNCED   | CHAIRPERSON: Joe Martens, ACENY<br>PRESENTERS: TO BE ANNOUNCED  | CHAIRPERSON: Keith Rooney, National Grid<br>PRESENTERS: TO BE ANNOUNCED  |  |  |                   |                  |
| 3:45PM - 4:15PM                |  | NETWORKING BREAK, VISIT EXHIBITORS   |   |  |  | NETWORKING BREAK, VISIT EXHIBITORS  |  |  |  | 3:45PM - 4:15PM   |                  |
| SESSION III<br>4:15pm - 5:30pm | <b>Energy Implications of Autonomous Vehicles</b>  | <b>Role of Utilities in Advancing Microgrids</b>   | <b>Built Environment Cybersecurity</b>                                      | <b>Transitioning from Net Metering to VDER</b>   | <b>Additive Manufacturing for Aerospace Applications</b>   | <b>Offshore Wind Policy Considerations in Industry &amp; Port Development</b>   | <b>Technology to Market: Emerging Technologies</b>   |  |  |                   |                  |
|                                | CHAIRPERSON: Joah Sapphire, Columbia University<br>PRESENTERS: TO BE ANNOUNCED                                 | CHAIRPERSON: James T. Gallagher, NYS Smart Grid Consortium<br>PRESENTERS: TO BE ANNOUNCED                                      | PRESENTERS: TO BE ANNOUNCED   | CHAIRPERSON: David Sandbank, NYSERDA<br>PRESENTERS: TO BE ANNOUNCED  | CHAIRPERSON: Dr. Denis Cormier, Rochester Institute of Technology<br>PRESENTERS: TO BE ANNOUNCED   | CHAIRPERSON: Dr. Kathleen Araujo, Stony Brook University<br>PRESENTERS: TO BE ANNOUNCED   | CHAIRPERSON: Chris Cavanagh, National Grid<br>PRESENTERS: TO BE ANNOUNCED  |  |  |                   |                  |
| 5:30PM - 6:30PM                |  | RECEPTION, EXHIBITS, JUDGED POSTER SESSION   |   |  |  | RECEPTION, EXHIBITS, JUDGED POSTER SESSION  |  |  |  | 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**

**CONFERENCE AGENDA – WEDNESDAY, MARCH 28**

|                                |  |   |   |  |  |   |   |  |   |                 |   |  |   |  |
|--------------------------------|--|---|---|--|--|---|---|--|---|-----------------|---|--|---|--|
| 7:30am                         |  | Registration Open & Continental Breakfast Begins in the Exhibit Area - Open Networking Period                 |   |  |  | Registration Open & Continental Breakfast Begins in the Exhibit Area - Open Networking Period                 |   |  |   | 7:30am          |   |  |   |  |
| 8:00am - 8:05am                |  | Opening Remarks Robert Catell, AERTC  |   |  |  | Opening Remarks Robert Catell, AERTC  |   |  |   | 8:00am - 8:05am |   |  |   |  |
| 8:05am - 8:20am                |  | Keynote Speaker   |   |  |  | Keynote Speaker   |   |  |   | 8:05am - 8:20am |   |  |   |  |
| 8:20am - 8:35am                |  | Plenary Speaker   |   |  |  | Plenary Speaker   |   |  |   | 8:20am - 8:35am |   |  |   |  |
| 8:35am - 8:50am                |  | Keynote Speaker Wang Hongguang, PhD, Deputy Director General, CASTED/MOST                                     |   |  |  | Keynote Speaker Wang Hongguang, PhD, Deputy Director General, CASTED/MOST                                     |   |  |   | 8:35am - 8:50am |   |  |   |  |
| 8:50am - 8:55am                |  | Closing Logistics Robert Catell, AERTC  |   |  |  | Closing Logistics Robert Catell, AERTC  |   |  |   | 8:50am - 8:55am |   |  |   |  |
| 8:55AM - 9:30AM                |  | NETWORKING BREAK, VISIT EXHIBITORS  |   |  |  | NETWORKING BREAK, VISIT EXHIBITORS  |   |  |   | 8:55AM - 9:30AM |   |  |   |  |
| SESSION IV<br>9:30am - 10:45am | <b>TRACK A</b><br>Early Stage & Growth Capital<br>CHAIRPERSON:<br>Mark Austin, <i>Bright Capital</i><br>PRESENTERS:<br>TO BE ANNOUNCED |   | <b>TRACK B</b><br>Advanced Distributed Simulation Tools<br>CHAIRPERSON:<br>Jeff Smith, <i>EPRI</i><br>PRESENTERS:<br>TO BE ANNOUNCED                      |  | <b>TRACK C</b><br>Smart Buildings - Owners' Perspective<br>CHAIRPERSON:<br>Joseph Borowiec, <i>NYSERDA</i><br>PRESENTERS:<br>TO BE ANNOUNCED |   | <b>TRACK D</b><br>Meeting Peak Demands Through Energy Storage<br>CHAIRPERSON:<br>Scott Egbert, <i>NYSERDA</i><br>PRESENTERS:<br>TO BE ANNOUNCED           |  | <b>TRACK E</b><br>The Future of a Digital Utility<br>PRESENTERS:<br>TO BE ANNOUNCED   |                 | <b>TRACK F</b><br>Offshore Wind Workforce<br>CHAIRPERSON:<br>Ross Gould, <i>WDI</i><br>PRESENTERS:<br>TO BE ANNOUNCED |  | <b>TRACK G</b><br>Emerging Technologies<br>PRESENTERS:<br>TO BE ANNOUNCED   |  |
|                                | 10:45AM - 11:30AM  |   | NETWORKING BREAK, VISIT EXHIBITORS  |  |  |   | NETWORKING BREAK, VISIT EXHIBITORS  |  |   |                 | 10:45AM - 11:30AM   |  |   |  |
| SESSION V<br>11:30am - 12:45pm | <b>Raising Capital: Lessons Learned</b><br>CHAIRPERSON:<br>Mark Sperry, <i>Sperry Energy</i><br>PRESENTERS:<br>TO BE ANNOUNCED         |   | <b>The DSO/DSP Transition</b><br>CHAIRPERSON:<br>Dr Robert Currie, <i>Smarter Grid Solutions</i><br>PRESENTERS:<br>TO BE ANNOUNCED                        |  | <b>Smart Buildings Solutions</b><br>CHAIRPERSON:<br>Joseph Borowiec, <i>NYSERDA</i><br>PRESENTERS:<br>TO BE ANNOUNCED                        |   | <b>Energy Storage Permitting Requirements</b><br>CHAIRPERSON:<br>Jason Doling, <i>NYSERDA</i><br>PRESENTERS:<br>TO BE ANNOUNCED                           |  | <b>Big Data in the Utility Environment</b><br>CHAIRPERSON:<br>Paul DeCotis, <i>West Monroe Partners</i><br>PRESENTERS:<br>TO BE ANNOUNCED |                 | <b>Offshore Wind Technologies to Reduce Costs</b><br>PRESENTERS:<br>TO BE ANNOUNCED                                   |  | <b>Heat Pumps: Utilities, Emerging Business Models and Enabling R&amp;D</b><br>CHAIRPERSON:<br>Donovan Gordon, <i>NYSERDA</i><br>PRESENTERS:<br>TO BE ANNOUNCED |  |
|                                | 12:45PM - 1:15PM   |   | NETWORKING BREAK, VISIT EXHIBITORS  |  |  |   | NETWORKING BREAK, VISIT EXHIBITORS  |  |   |                 | 12:45PM - 1:15PM  |  |   |  |
| 1:15pm                         |  | Lunch Begins & Exhibit Area Will Close - Welcome Samuel L. Stanley Jr., MD, President, Stony Brook University |   |  |  | Lunch Begins & Exhibit Area Will Close - Welcome Samuel L. Stanley Jr., MD, President, Stony Brook University |   |  |   | 1:15pm          |   |  |   |  |
| PLENARY SESSION                | 1:20pm - 1:30pm  |   | Opening Remarks Chancellor Kristina M. Johnson, PhD, The State University of New York   |  |  |   | Opening Remarks Chancellor Kristina M. Johnson, PhD, The State University of New York   |  |   |                 | 1:20pm - 1:30pm   |  |   |  |
|                                | 1:30pm - 1:50pm  |   | Fireside Chat   |  |  |   | Fireside Chat   |  |   |                 | 1:30pm - 1:50pm   |  |   |  |
| 1:50PM - 2:05PM                |  | BREAK, LUNCH TO BE SERVED   |   |  |  | BREAK, LUNCH TO BE SERVED   |   |  |   | 1:50PM - 2:05PM |   |  |   |  |
| PLENARY SESSION                | 2:05pm - 2:55pm  |   | Keynote Panel of Utilities Kenneth Daly, National Grid • Tim Cawley, Con Edison<br>Tom Falcone, LIPA • Dan Eichhorn, PSEG-LI • More Utilities to be Added |  |  |   | Keynote Panel of Utilities Kenneth Daly, National Grid • Tim Cawley, Con Edison<br>Tom Falcone, LIPA • Dan Eichhorn, PSEG-LI • More Utilities to be Added |  |   |                 | 2:05pm - 2:55pm   |  |   |  |
|                                | 2:55pm - 3:10pm  |   | Plenary Speaker Thierry Godart, PhD, Intel  |  |  |   | Plenary Speaker Thierry Godart, PhD, Intel  |  |   |                 | 2:55pm - 3:10pm   |  |   |  |
|                                | 3:10pm - 3:25pm  |   | Keynote Speaker   |  |  |   | Keynote Speaker   |  |   |                 | 3:10pm - 3:25pm   |  |   |  |
|                                | 3:25pm - 3:40pm  |   | Plenary Speaker   |  |  |   | Plenary Speaker   |  |   |                 | 3:25pm - 3:40pm   |  |   |  |
|                                | 3:40pm - 3:45pm  |   | Closing Remarks Robert Catell, AERTC  |  |  |   | Closing Remarks Robert Catell, AERTC  |  |   |                 | 3:40pm - 3:45pm   |  |   |  |
| 3:45PM - 4:00PM                |  | NETWORKING BREAK, VISIT EXHIBITORS  |   |  |  | NETWORKING BREAK, VISIT EXHIBITORS  |   |  |   | 3:45PM - 4:00PM |   |  |   |  |
| 4:00PM                         |  | CONFERENCE ADJOURNED  |   |  |  | CONFERENCE ADJOURNED  |   |  |   | 4:00PM          |   |  |   |  |