

EARLY REGISTRATION & PRE-CONFERENCE WORKSHOPS – WEDNESDAY, APRIL 20

1:00pm -
5:00pm

Early Registration & Exhibitor Setup–Badge Pickup Open

PRE-CONFERENCE WORKSHOPS AGENDA – WEDNESDAY, APRIL 20

2:00pm-
5:00pm

PRE-CONFERENCE WORKSHOP SERIES:

Open to All; No Cost to Attend – Advance Registration Required
Driving Change: Emerging Trends Influencing the Evolution of New York’s Clean Energy Workforce

SESSION ONE:

Macro Trends in Clean Energy: What to Expect in the Next Decade

2:00pm - | Panelists: Ryan Snow (*US Green Building Council*), Dr. Danielle Merfeld (*GE Global Research*)
3:00pm | Paul M. Wyman (*Lockheed Martin Information Systems & Global Solutions*)
Jigar Shah (*Generate Capital Inc*), Lucas Finco (*Consolidated Edison*)
Dan Egan (*Vornado Real Estate*), Paul Meyer (*WSP Parsons Brinkerhoff*)

SESSION TWO:

Workforce Adaptations: How Employer-Driven Programming is Changing the Way We Work

3:30pm - | Rebecca Hughes (*NYSERDA*), Pat Malone (*Stony Brook University*)
4:30pm | Panelists: Sammy Chu (*Enerlogic*), Ellen Ryan (*NYC DCAS: Energy Management Division*)
Neil G. Rosen (*Northwell Health*), Michael Yee (*IBEW Local 3*) Howard Styles (*IUOE Local 94*)
Michael Bobker (*City College of New York*), Katherine Rougeux (*NYPA*)

Open to All: C3E Women in Energy “The New York Update”

Moderator: Dr. Ellen Morris (*Columbia University*)

2:00pm -
2:30pm

Networking

2:30pm -
3:00pm

Opening Keynote

Jill Anderson (*NYPA*)

3:00pm -
4:30pm

C3E Panel Discussion

Katherine Hamilton (*38 North Solutions*)
Nancy Kete (*Rockefeller Foundation*), Erika Symmonds (*Grid Alternatives*)

4:30pm -
5:00pm

Closing Keynote

Janet Joseph (*NYSERDA*)

5:00PM

ADJOURNED



a New York State designated Center of Excellence

CONFERENCE AGENDA – THURSDAY, APRIL 21

CONFERENCE AGENDA – THURSDAY, APRIL 21

7:30am	Registration Open								7:30am
8:00am	Continental Breakfast Begins & Networking on Exhibit Floor								8:00am
9:00am - 9:30am	Opening Remarks Robert Catell (<i>Advanced Energy Center</i>), Richard Kauffman (<i>NYS</i>)								9:00am - 9:30am
PLENARY SESSION	9:30am - 9:45am	The NYS Clean Energy Fund John Rhodes (<i>NYSERDA</i>)						9:30am - 9:45am	PLENARY SESSION
	9:45am	REV NYS (Video 5min)						9:45am	
	9:50am - 11:15am	REV Demos – Panel Session Moderator: Chair Audrey Zibelman (<i>NYS PSC</i>) James Brennan (<i>Consolidated Edison</i>), Dr. Robert Rogan (<i>Sunpower</i>), Jeffrey Ballard (<i>AVANGRID</i>) Justin Segall (<i>Simple Energy</i>), Edward White (<i>National Grid</i>), Matthew Enstice (<i>Buffalo Niagara Medical Campus</i>)						9:50am - 11:15am	
	11:15am - 11:30am	The Future of Transmission Gil Quiniones (<i>New York Power Authority</i>)						11:15am - 11:30am	
11:30AM - 12:15PM	NETWORKING BREAK, VISIT EXHIBITORS								11:30AM - 12:15PM
12:15pm	Lunch Begins - Welcome Chancellor Nancy Zimpher (SUNY) - Host, Robert Catell (Advanced Energy Center)								12:15pm
PLENARY SESSION	12:30pm - 12:50pm	Keynote Speaker Dr. Ellen Williams (<i>Director of ARPA - E, U.S. Department of Energy</i>)						12:30pm - 12:50pm	PLENARY SESSION
	1:20pm - 1:45pm	Keynote Speaker Dr. Franklin (Lynn) M. Orr (<i>Under Secretary for Science and Energy, U.S. Department of Energy</i>)						1:20pm - 1:45pm	
1:45PM - 2:15PM	NETWORKING BREAK, VISIT EXHIBITORS								1:45PM - 2:15PM
	TRACK A	TRACK B	TRACK C	TRACK D	TRACK E	TRACK F	TRACK G	TRACK H	
SESSION I 2:15pm - 3:30pm	Clean Energy Project Financing (PANEL SESSION) CHAIRPERSON: John Joshi, <i>NYSERDA</i> Dr. Sanjiv Malhotra, <i>US Dept of Energy</i> Chris Diaz, <i>Seminole Financial Services</i> Keith Martin, <i>Chadbourne & Parke</i> Mark Thielking, <i>Energy Improvement Corp.</i>	REV & Integrated Grid Distribution Solutions CHAIRPERSON: Guy Sliker, <i>NYPA</i> Adam Langton, <i>BMW</i> Emily Wheeler, <i>Vice President of Operations Smarter Grid Solutions</i> Naimish Patel, <i>Gridco Systems</i>	Advanced Lighting CHAIRPERSON: Dr. Robert Karlicek, <i>Smart Lighting Center, RPI</i> Lee Davis, <i>New Product Development Ephesus Lighting</i> Mike Fusco, <i>LED Specialists</i> Jeff Quinlan, <i>Acuity</i>	Advances in Solar Energy CHAIRPERSON: Karl R. Rábago, <i>Pace University</i> Dr. Alexander Orlov, <i>Stony Brook University</i> Frank van Mierlo, <i>1366 Technologies</i> Dr. Thomas Hoff, <i>Clean Power Research</i>	Battery & Energy Storage I CHAIRPERSON: Gabriel Kra, <i>Prelude Ventures</i> Dr. Edward Buiel, <i>G4 Synergetics</i> Boris Gragera, <i>NEST-Ion</i> Colin Wessells, <i>Alveo Energy</i> Dr. William Acker, <i>NY-BEST</i>	Manufacturing Energy Efficiency CHAIRPERSON: Dr. Dan Walczyk, <i>Rensselaer Polytechnic Institute</i> Dr. Michael Thurston, <i>Rochester Institute of Technology</i> Michael Newell, <i>Ener-G-Rotors, Inc</i> Richard deFay, <i>Copper Development Association</i>	Economic Development Assistance for Clean Tech Innovators CHAIRPERSON: David Hochman, <i>Business Incubator Association of NY</i> Martin Byrne, <i>RPI, CFES, CAT</i> Leslie Whatley, <i>ESD, Start-UP NY</i> Everton Henriques, <i>FUZEHUB</i> Dr. John Blaho, <i>CUNY Innovation Hot Spots</i>	Alternative Transportation Fuels CHAIRPERSON: Reuben Sarkar, <i>US Dept of Energy</i> Britta Gross, <i>General Motors</i> Karsten Barde, <i>National Grid</i> Dana Lowell, <i>M.J. Bradley & Associates</i>	SESSION I 2:15pm - 3:30pm
3:30PM - 3:45PM	NETWORKING BREAK, VISIT EXHIBITORS								3:30PM - 3:45PM
SESSION II 3:45pm - 5:00pm	Early Stage & Growth Capital (PANEL SESSION) CHAIRPERSON: Mark Austin, <i>Bright Capital</i> Régine Clément, <i>CREO Syndicate</i> Henry Chung, <i>LG Innovation Ventures</i> Justin Desrosiers, <i>Investors' Circle</i> Scott Burger, <i>PRIME Coalition</i> David Miller, <i>Clean Energy Venture Group</i>	Emerging Smart Grid Technologies: A Case Study CHAIRPERSON: John Love, <i>NYSERDA</i> Robert Currie, <i>Smarter Grid Solutions</i> Andrew Reid, <i>Consolidated Edison</i>	Advanced Buildings I CHAIRPERSON: Dr. Edward Bogucz, <i>Syracuse University</i> Jason Vollen, <i>AECOM</i> Jerritt Gluck, <i>Bonded Energy</i> Edward Baker, <i>Doosan</i> Ian Shapiro, <i>Taitem Engineering</i>	Community Solar CHAIRPERSON: David South, <i>West Monroe Partners</i> Glen Weinberg, <i>Joule Assets</i> David Sandbank, <i>NY-SUN, NYSERDA</i> Tom Sweeney, <i>Clean Energy Collective</i> Matt Cheney, <i>CleanPath Energy</i>	Battery & Energy Storage II CHAIRPERSON: Dr. Imre Gyuk, <i>US Dept of Energy</i> Mark Kelley, <i>Crown Battery</i> Dr. Fernando Gomez-Baquero, <i>BESS-Tech</i> Dr. Esther Takeuchi, <i>Stony Brook University</i>	Advances in Additive Manufacturing CHAIRPERSON: Dr. Gary Halada, <i>Stony Brook University</i> Dr. Daniel Slep, <i>ChemCubed</i> Dr. Hod Lipson, <i>Columbia University</i> Dr. Ronald Aman, <i>Rochester Institute of Technology</i>	Water Energy Nexus (PANEL SESSION) CHAIRPERSON: Paul DeCotis, <i>West Monroe Partners</i> Dr. Harold Walker, <i>NYS Center for Clean Water Technology</i> Peter Mulvaney, <i>West Monroe Partners</i> Kathleen O'Conner, <i>NYSERDA</i> Dr. Serpil Guran, <i>Rutgers University Eco Complex</i> Pinakin Desai, <i>MW Reclamation of Chicago</i>	Advanced Vehicle Technologies CHAIRPERSON: Alycia Gilde, <i>CALSTART</i> Jeremy McCool, <i>HEVO Inc.</i> Spiro Kattan, <i>Dept. Sanitation NYC</i> Dr. Casey Hoffman, <i>Vistex Composites</i> Len Poveromo, <i>Composites Prototyping Center</i>	SESSION II 3:45pm - 5:00pm
5:00PM - 6:30PM	EVENING NETWORKING RECEPTION – HOST: DR. DOON GIBBS/EXHIBITS & POSTER SESSION								5:00PM - 6:30PM

CONFERENCE AGENDA – FRIDAY, APRIL 22

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7:30am	Registration Open - Continental Breakfast & Networking on Exhibit Floor								7:30am		
7:30AM - 8:30AM	NETWORKING BREAK, VISIT EXHIBITORS								7:30AM - 8:30AM		
	TRACK A	TRACK B	TRACK C	TRACK D	TRACK E	TRACK F	TRACK G	TRACK H			
SESSION III 8:30am - 9:45am	Energy Policy CHAIRPERSON: David Manning <i>Brookhaven National Laboratory</i> Rudy Stegemoeller <i>Special Assistant for Energy Policy NYS Dept. of Public Service</i> Prof. Toby Peters <i>Dearman</i> Michael Bradley <i>M.J. Bradley & Associates</i> Jonathan Schrag <i>Environmental Defense Fund</i>	Emerging Smart Grid Technologies CHAIRPERSON: Dr. Bruce Fardanesh <i>NYPA</i> Jeffrey Katz <i>IBM</i> Daniel Huard <i>N2 Global Solutions</i> Bruce Germano <i>Jasmine Universe</i>	Department of Energy Building Efficiency R&D CHAIRPERSON: Dr. Patrick Phelan <i>US Dept. of Energy</i> Antonio Bouza <i>US DoE, EERE</i> Dr. Marina Sofos <i>US DoE, EERE</i>	MicroGrids & Distributed Generation I CHAIRPERSON: James Gallagher <i>NYS Smart Grid Consortium</i> Taylor Brockman <i>Causam</i> Charlotte Matthews <i>Related Companies</i> Rémy Garaude Verdier <i>Electricité Réseau Distribution France</i>	Nuclear Advanced Reactors CHAIRPERSON: Dr. William Horak <i>Brookhaven National Laboratory</i> Dr. Eric Loewen <i>GE Hitachi Nuclear Energy</i> Kirk Sorenson <i>Flibe Energy</i> Dr. Todd Allen <i>Third Way</i> Caroline Cochran <i>Oklo Inc.</i>	BioEnergy CHAIRPERSON: Dr. Devinder Mahajan <i>Stony Brook University</i> Dr. Gelvin Stevenson <i>AgriPower</i> Dr. Kyoung Ro <i>USDA</i> James Pfeiffer <i>Green Waste Energy</i> Dan Goodwin <i>Oberon Fuels</i>	Offshore Wind: Challenges & Opportunities (PANEL SESSION) CHAIRPERSON: Dr. Kathleen Araújo <i>Stony Brook University</i> Aileen Kenney <i>Deepwater Wind</i> Dr. Carolyn Heeps <i>Dong Energy</i> Nancy Sopko <i>American Wind Energy Association</i> Dr. Jeremy Firestone <i>University of Delaware</i>	Advances in Urban Mobility CHAIRPERSON: Collette Ericsson <i>MTA NYCT</i> Etienne Teyssandier <i>Dearman</i> Joe Ambrosio <i>UTS LLC</i> Ari Kahn <i>MOVE Systems</i> Susan McSherry <i>NYC DOT</i>	SESSION III 8:30am - 9:45am		
9:45AM - 10:15AM	NETWORKING BREAK, VISIT EXHIBITORS								9:45AM - 10:15AM		
SESSION IV 10:15am - 11:30am	Role of Policy in Regional Energy Transitions (PANEL SESSION) CHAIRPERSON: Dr. Kathleen Araújo <i>Stony Brook University</i> Danielle Lane, <i>Dong Energy</i> Dr. William Bonvillian, <i>MIT</i> Robert Gough <i>Intertribal Council on Utility Policy</i> Pierre Arcand <i>Minister of Energy, Quebec</i> Judith Greenwald, <i>US Dept. of Energy</i> Dr. Jonathan Raab, <i>Raab Associates</i>	REV & Integrated Grid Transmission CHAIRPERSON: Jill Anderson <i>NYPA</i> Dennis Elsenbeck <i>National Grid</i> Gregg Rotenberg <i>SmartWires</i> Clarke Bruno <i>Anbaric</i>	Advanced Buildings II CHAIRPERSON: Arun Vedhathiri <i>NYPA</i> Dr. Peter Hofbauer <i>ThermoLift</i> Benjamin Miller <i>Closed Loops</i> Patrick J. Piper <i>QM POWER</i> Adam Walburger <i>CDH Energy</i>	MicroGrids & Distributed Generation II CHAIRPERSON: Micah Kotch <i>NYSERDA</i> Philip Austen <i>National Grid</i> Michael Razanousky <i>NYSERDA</i> James T. Reilly <i>Reilly Associates</i> Paul Tyno <i>Buffalo Niagara Medical Campus</i>	Nuclear Energy: Achievements, Lessons Learned & Prospects CO-CHAIRPERSON: Dr. Robert Bari <i>Brookhaven National Laboratory</i> CO-CHAIRPERSON: Dr. Kathleen Araújo <i>Stony Brook University</i> Carol Kessler <i>North Raven Consulting LLC</i> Dr. Roald Wigeland <i>Idaho National Laboratory</i> Herschel Specter <i>Micro-Utilities Inc.</i>	Energy Cybersecurity CHAIRPERSON: Dr. William Jemison <i>Clarkson University</i> Keri Glitch, <i>AVANGRID</i> Manny Cancel <i>Consolidated Edison</i> Dr. Kenneth Edge <i>AIS</i> Doug Chapman <i>NYISO</i>	Wind Energy (PANEL SESSION) CHAIRPERSON: Dr. Fotis Sotiropoulos <i>Stony Brook University</i> Michael Derby <i>US DoE, EERE</i> Dr. Daniel Laird <i>US DoE, NREL</i> Dr. David Maniaci <i>US DoE, Sandia, SWIFT</i>	Smart Mobility & Connected Vehicles CHAIRPERSON: Joah Sapphire <i>Global Dynamic Group</i> Dr. Wuping Xin <i>KLD Engineering</i> Dr. Seung Il Moon <i>Korean EE & Science Research Institute</i> Dr. John Tipaldo <i>NYC Department of Transportation</i>	SESSION IV 10:15am - 11:30am		
11:30AM - 12:15PM	NETWORKING BREAK, VISIT EXHIBITORS								11:30AM - 12:15PM		
12:15pm	Lunch Begins/Exhibit Area Will Close - Welcome by Robert Catell - Host, President Sam Stanley (Stony Brook University)								12:15pm		
PLENARY SESSIONS	12:20pm - 12:45pm	Keynote Speaker Dr. Roger Flanagan (<i>Lockheed Martin Energy</i>)				12:20pm - 12:45pm	Keynote Speaker Dr. Roger Flanagan (<i>Lockheed Martin Energy</i>)				PLENARY SESSIONS
	1:00pm - 2:10pm	PANEL SESSION Future of the Electric Utility Industry: Challenges and Opportunities Janet Joseph (<i>NYSERDA</i>) Mark Lynch (<i>NYSEG, RG&E</i>), Robert Schimmenti (<i>Consolidated Edison</i>), David Daly (<i>PSEG-LI</i>) Ken Daly (<i>National Grid</i>), Michael Mosher (<i>Central Hudson Gas & Electric</i>)				1:00pm - 2:10pm	PANEL SESSION Future of the Electric Utility Industry: Challenges and Opportunities Janet Joseph (<i>NYSERDA</i>) Mark Lynch (<i>NYSEG, RG&E</i>), Robert Schimmenti (<i>Consolidated Edison</i>), David Daly (<i>PSEG-LI</i>) Ken Daly (<i>National Grid</i>), Michael Mosher (<i>Central Hudson Gas & Electric</i>)				
2:10pm - 2:15pm	Closing Remarks								2:10pm - 2:15pm		
2:15PM	CONFERENCE ADJOURNED, RAFFLE BEGINS								2:15PM		