THURSDAY
OCTOBER 23
2014

4:00 PM - 6:00 PM Poster Session (Setup & Evaluation)
6:00 PM - 6:45 PM Dinner
6:45 PM - 6:55 PM Welcome Address, Kamal Shahrabi, Farmingdale State College
6:55 PM - 7:30 PM Keynote Lecture: Ron Tabbitas, Founder and President, Dynamic Supplier Alignment, Inc.

FRIDAY
OCTOBER 24
2014

7:30 AM - 8:30 AM Registration, Breakfast, Exhibitor Networking
8:30 AM - 8:45 AM Welcome Address, W. Hubert Keen, President, Farmingdale State College
8:45 AM - 9:15 AM Keynote Lecture, David Daly, PSEG Long Island
9:15 AM - 9:45 AM Keynote Lecture, Paul DeCotis, West Monroe Partners' Energy & Utilities
   Topic: “How Smart should Smart Grid’s Be? Lessons Learned from “Hands-On” Demonstration”
9:45 AM - 10:15 AM Coffee Break / Exhibitor Networking
10:15 AM - 12PM Panel Discussion, “Education and Workforce Training in Renewable Energy”
   Panel Moderator: Marjaneh Issapour, Farmingdale State College
   • Kamal Shahrabi, Farmingdale State College
   • Gary Halada, Stony Brook University
   • Babak Beheshti, New York Institute of Technology
   • Neal Lewis, Molloy College
   • Corinne Johnson-Rutzke, Cornell University
12:00 PM - 1:30 PM Lunch / Exhibitor Networking

1:30 PM - 3:00 PM BREAKOUT SESSION #1

TRACK A
ENERGY AND POLICY
Lupton Hall - 165
Session Chair: Peter Gollon, L.I. Sierra Club
Session Keynote: Julia Bovey, “REVing Up Policy for the Race to the Clean Energy Future”, Director, Department of Public Service - Long Island
1. “Global Climate Change”, Kristen Bacorn, Farmingdale State College

TRACK B
RENEWABLE ENERGY
Lupton Hall - 131
Session Chair: Miriam Rafailovich, Stony Brook University
Session Keynote: Wayne Gutschow, Nextek Power Systems
4. “Wind and Solar Hybrid systems are part of the Worlds energy future”, Arthur Kaliski, MILWIND LLC

TRACK C
EDUCATION AND WORKFORCE TRAINING
Lupton Hall - T101
Session Chair: Serdar Elgun, Distinguished Service Professor, Farmingdale State College
Session Keynote: Pat Malone, Advanced Energy Center, Stony Brook University
1. “e-STEP-Collaborative Research”, Nicole Simon, Nassau Community College
3. “Enriching Students’ Smart Grid Experience using Programmable Devices”, Mihaela Radu, Farmingdale State College

TRACK D
SOLAR PV 101
Lupton Hall - 146
Instructor: Jonathan Lane, Quad State Solar
*PDHs Available*
Runtime: 1:30 PM - 4:30 PM

TRACK E
INDUSTRY EXHIBITOR PRESENTATIONS
Roosevelt Hall - 111
1:30 Best Energy Power
1:40 United Metro Energy Corporation
1:50 Green Energy Research, Inc.
2:00 Go InfraGreen
2:10 NYIT
2:20 The Clean Energy Solutions
2:30 GPI/ Greenman-Pedersen, Inc.
2:40 Denco Energy Management
2:50 Empower Solar
## TRACK F
### SUSTAINABILITY AND BUILT ENVIRONMENT
Lupton Hall - 165

**Session Chair:** Amit Bandyopadhyay, Farmingdale State College

**Session Keynote:** Tullio Bertoli, “Sustainability and the Built Environment”, Town of Brookhaven

1. “The Role of Society to Decarbonize”, Peter Caradonna, Columbia University
2. “Water Resources Sustainability”, Paul Granger, H2M
3. “Sustainability – Landscape Green Building”, Michael Veracka, Farmingdale State College
4. “The Road Towards Understanding Sustainability”, Edward T. Davis, Queensborough Community College

## TRACK G
### SMART ENERGY SYSTEMS
Lupton Hall - 190

**Session Chair:** Bahar Zoghi, Farmingdale State College

**Session Keynote:** Dave Specca, “Landfill Gas to Energy”, Rutgers EcoComplex

1. “An Improved and Low-Cost P&O Maximum Power Point Tracker Combined with Two-Degree Sun Tracker”, Abolfazl Halvaei Niasar, University of Kashan
2. “Reciprocating Biomass Conversion Reactor”, Nick J. Parziale, Stevens Institute of Technology
4. “Development of an Electric Energy Literacy Survey”, Matthew Turner, Purdue University
5. “Sound Harvester”, Parastish Singh, PESIT

## TRACK H
### ENERGY STORAGE
Lupton Hall - T101

**Session Chair:** Jerrell Nardiello, Northrop Grumman

**Session Keynote:** Michael Voltz, PSEG Long Island

2. “Production of Useful Cost-effective Energy from Waste Biomass Material”, Hazem Tawfik, Farmingdale State College
4. “System design and performance analysis of a microgrid distributed energy generation and storage”, Linfeng Zhang, University of Bridgeport

## TRACK E
### INDUSTRY EXHIBITOR PRESENTATIONS
Roosevelt Hall - 111

3:30 Anchor, An Old Castle Company
3:40 Stony Brook SBDC
3:50 Eldor Renewable Energy
4:00 511 NY Rideshare
4:10 Poem Technology, LLC
4:20 CEBIP @ SBU
4:30 Fuel Cell Energy, Inc.
4:40 EC Infosystems, Inc.
4:50 Tech-Ed Systems

### 3:00 PM - 3:30 PM Coffee Break / Exhibitor Networking

### 3:30 PM - 5:00 PM BREAKOUT SESSION #2