

ADVANCED ENERGY 2009

NEW YORK STATE'S PREMIER CONFERENCE FOR ADVANCED ENERGY

WEDNESDAY, NOVEMBER 18

8AM - 9:15AM

ECONOMIC DEVELOPMENT AND GREEN JOBS BREAKFAST

SESSION I

9:30AM - 10:45AM

TRACK A

ENERGY POLICY I

CHAIRPERSON

Tom Congdon,
NYState Energy

Jim Galagher, NYC

Tom Peterson,
Climate Strategies

Carl Meyer,
Central Hudson Gas & Electric

TRACK B

BIO-ENERGY SCIENCE & TECHNOLOGY I

CHAIRPERSON

Janet Joseph, NYSERDA

Dr. Patrick Hunt,
U.S. Dept. of Agriculture

Dr. Roy Periana,
Scripps Energy Institute

Dr. Gail Richardson,
EnergyVision

Mark Toscano,
Brookhaven Nat'l Lab

TRACK C

SMART NETWORKS I MODELING AND SIMULATION

CHAIRPERSON

Dr. Jiyuan Fan, GE

Eugene Feinberg,
Stony Brook University

Jayant Kalagnanam, IBM

Devin Van Zandt, GE Energy

TRACK D

GEOTHERMAL

CHAIRPERSON

Awaiting Acceptance

John Rhyner, P.W. Grosser

John Dienna,
Geothermal Nat'l & Int'l
Initiative

Dr. Kenneth Rehfeldt,
Los Alamos

TRACK E

INNOVATION IN SCIENCE & TECHNOLOGY

CHAIRPERSON

Lee Silvestre, Raytheon

Dr. Satyen Mukherjee,
Philips Research

Dr. Jai Menon, IBM Research

Dr. Starnes Walker, Dept. of
Homeland Security

Duncan McBranch,
Los Alamos

11:30AM

LUNCH - WELCOME - INTRODUCTIONS - KEYNOTES

SESSION II

2:30PM - 3:45PM

ENERGY POLICY II

CHAIRPERSON

Rana Murkey Ji, NYISO

Zwia Wojnar, Pace University

Patrick Foye, Rivkin-Radler

Dr. Guodong Run, Stony
Brook University

Dr. William Horak,
Brookhaven Nat'l Lab

BIO-ENERGY SCIENCE & TECHNOLOGY II

CHAIRPERSON

Dr. Devinder Mahajan,
Brookhaven Nat'l Lab

Dr. Christopher Marshall,
Argonne Nat'l Lab

Dr. Steven Sanborn GE Global

Dr. Ponisseril Somasundaran,
Columbia University

Dr. Steven Peretti,
NC State University

SMART NETWORKS II CYBERSECURITY

CHAIRPERSON

Dr. Johnson, U.S. Dept. of
Homeland Security

John Cogliandro, Raytheon

Ernest Wohnig, Booz Allen

Sam Brattini, KEMA

Dr. Robert Johnson, Stony
Brook University

INNOVATIVE UTILITY SOLUTIONS IN A REGULATED ENVIRONMENT

CHAIRPERSON

Dan Desanti,
National Grid

David Wagner, National Grid

Ian Welch & Cris Cavanaugh,
National Grid

Tony Shay, Petra Solar

Charlie Anderson, Medal

DEPARTMENT OF ENERGY SHOWCASE I SCIENCE & TECHNOLOGY R & D

CHAIRPERSON

Dr. Sam Aronson,
Brookhaven Nat'l Lab

Dr. Patricia Dehmer,
Office of Energy Efficiency

Dr. Linda Horton,
BES Advanced Energy

Dr. Anna Palmisano,
BER Climate Modeling

4:15PM - 5:45PM

TECHNOLOGICAL OPTIONS FOR POLICYMAKERS

CHAIRPERSON

Paul DeCotis, LIPA
National Academy
of Science

Lawrence Papay, PQR

Dr. Lester R. Lave,
Carnegie-Mellon

Robert Fri,
Resources of the Future

BIO-ENERGY ECONOMICS

CHAIRPERSON

Dr. Miriam Rafailovich,
Stony Brook University

Rafael Espinoza,
Emerging Fuels Technology

Stephen Eber, National Grid

Robert Wilson,
National Grid

Dr. Douglas Goodale,
Cobleskill

Dr. C.R. Krishna,
Brookhaven Nat'l Lab

SMART NETWORKS III CYBERSECURITY

CHAIRPERSON

Dr. Johnson, U.S. Dept. of
Homeland Security

Dr. Gerry Metzler, IBM

Mark Winther, IDC

Larry Cox, SAIC

Dr. Jim Smith, Los Alamos

WIND POWER ADVANCES

CHAIRPERSON

Nicholas Miller, GE

Vestas

Chris Wisseman,
Deep Water Wind

SIEMENS

NREL

DEPARTMENT OF ENERGY SHOWCASE II

Dr. Joanne Milliken,
Office of Energy Efficiency &
Renewable Energy (EERE)

Dr. Joseph Paladino,
Office of Electricity (OE)

5:30PM

BUFFET - RECEPTION - EXHIBITS - POSTER SESSIONS

ADVANCED ENERGY 2009

NEW YORK STATE'S PREMIER CONFERENCE FOR ADVANCED ENERGY

THURSDAY, NOVEMBER 19

8:45AM

BREAKFAST & KEYNOTE SPEAKERS

SESSION III

9:00AM - 10.15AM

TRACK A

ENERGY SECTOR FINANCE I

CHAIRPERSON

Tim Chin, BNP Paribas

Steven Levine, ENCAP

Ebsen Pederson, Pattern Energy

Paul Tyno, ECS

Jeremiah Yu, UBS

TRACK B

SOLAR I UTILITY SCALE SOLAR

CHAIRPERSON

Marjaneh Issapour, SUNY Farmingdale

Todd Milkos, Advanced Energy Industries

Scott Abrams, Omnicon

Michael Behnke, BEW Engineering

Eric Daniels, BP Solar

TRACK C

SMART INFRASTRUCTURE I

CHAIRPERSON

Rich Lechner, IBM

Eric Jacobson, Quadlogic
Mitch Stein, Quadlogic

Chris Dittmer, Tivoli Energy

Paul Rode, Johnson Controls

Dr. M. Safiuddin, University of Buffalo

TRACK D

HYDRO POWER

CHAIRPERSON

Peter Ludewig, NYPA

Ron Smith, Verdant Power

Pumped Hydro

Dr. Thomas Butcher, Brookhaven Nat'l Lab

Gerald Lynch, Sigma Design

TRACK E

LOW CARBON SOCIETY

CHAIRPERSON

Dr. Nay Htun, Stony Brook University

Dr. Junichi Fujino, Nat'l Institute Env (Japan)

Dr. Yannick Glenmarec, United Nations

Dr. Peter Pearson, Imperial College (UK)

Frank Dalene, Telemark

10:45AM - 12PM

ENERGY SECTOR FINANCE II

CHAIRPERSON

Steve Taub, GE Finance

Andy Dvoracek, Elements of Marketing

Larry Siegel, Tobay Capital

Dr. Samuel Berstein, B.E. LLC

Michael Faltischek, Rushin Moscou Faltischek

SOLAR II UTILITY SCALE SOLAR

CHAIRPERSON

Dr. Harry Davitian, Entek Power

Christopher Dymond, Enxco

Dr. Supratik Guha, IBM Research

Kevin Bate, RMT

Marco Garcia, Suntech

SMART INFRASTRUCTURE II

CHAIRPERSON

Aubrey Braz, ConED

Dr. John Grosspietsch, Motorola

Chris Davis, Schneider Electric

Jerry Jackson, Autodesk

Melissa O'Mara, IBM

ADVANCED LIGHTING RESEARCH

CHAIRPERSON

Dr. Sayten Mukherjee, Philips Research

Dennis Bradley, GE

Dr. John Wen, Rensesellaer Polytechnic Institute

Dr. Chunlei Guo, University of Rochester

Kevin Dowling, Philips Lighting

ENERGY EFFICIENCY & GREENHOUSE GAS REDUCTION

CHAIRPERSON

John Caroselli, National Grid

Rebecca Wingenroth, EPRI
Dr. Saul Keslowitz, Intra Tech

Diane Blankenhorn & Sandy Taft, National Grid

Rich DeFay, Cooper Development Association

12:25PM

LUNCH & KEYNOTE SPEAKERS

SESSION IV
2:15PM - 3:35PM

BATTERY FUEL CELLS & ENERGY STORAGE I

CHAIRPERSON

Dr. Mark Mathias, GM

Dr. Hazem Tawfik, SUNY Farmingdale

Paul Mutolo, Cornell University

James Vanderpas, UTC Power

Charlie Vartanian, A123

SOLAR III UTILITY SCALE SOLAR

CHAIRPERSON

Richard Hackman, NYPA

Dr. Steven Hummel, PV Powered

Tassos Golnas, Sunedison

Ron Corrio, Wattsun

Jay Gromek, Infinia

SMART INFRASTRUCTURE III

CHAIRPERSON

Anthony DiMaso, Verizon

Steven DeCarlo, NYPA

Dr. Reza Ghafirian, ConED

Larry Durante, National Grid

Dr. Prasanta Ghosh, Syracuse University

Dr. Francisco de Leon, NYU-Poly

INTELLIGENT & ADVANCED TRANSPORT

CHAIRPERSON

Thomas Lamb, NYC Transit

Namir Habboosh, Raytheon

Rizwan Khaliq, IBM

Joseph Ambrosio, EMD

Walter Kulyk, Federal Transit Authority

Dr. Frank Zeman, NY Institute of Technology

GREEN BUILDING TECHNOLOGY MATERIALS & PROCESS

CHAIRPERSON

Colby Swanson, BASF

Dirk von Below, Flad Architects

Giovanni Petrecca, U of Pavia, Italy

Doug Reid-Greene, BASF

3:45AM - 5PM

BATTERY FUEL CELLS & ENERGY STORAGE II

CHAIRPERSON

Grigori Soloveichik, GE EFR

Clare Grey, Stony Brook University EFR

Winifried Wilcke, IBM Research

David Mroczka, Dayton T. Brown

Michael Tentnowski, IOXUS

SOLAR IV MATERIALS & TECHNOLOGY

CHAIRPERSON

Dr. John Elter, Albany Nanotech

Dr. Joseph Laia, Miasole

Dr. Stan Steingart, CUNY

Dr. Michael Gray, CVD

Dr. Charles Fortmann, Stony Brook University

Dr. Mike Dudley, Stony Brook University

SMART NETWORKS INTEROPERABILITY

CHAIRPERSON

Robert Curry, NYS-PSC

Hao Yang, IBM

Michael Carlson, Gridpoint

Ralph Masiello, KEMA

Tim Schmidt, Verizon

GREEN DATA CENTERS

CHAIRPERSON

Dr. Roger Schmidt, IBM

Dr. H. Ezzat Khalifa, Syracuse University

Dave Blair, BHP

Rishi Sehgal, Stony Brook University

Dhasikan Anachaperumal, CA

INNOVATION & COMMERCIALIZATION OF ENERGY

CHAIRPERSON

Dr. Karen Pavese, New York Academy of Science

Florence Hudson, IBM

Dr. William Bonvillian, MIT

Carlos Martinez-Vela, John Adams

Innovation Institute

Rene Baston, NY Academy of Sciences