6:00pm    Reception at The Erie Canal Museum  318 Erie Boulevard East, Syracuse

**SUNDAY, OCTOBER 24, 2004**

**MONDAY, OCTOBER 25, 2004**

All events at The Marx Hotel, 701 E. Genesee St., Syracuse

7:30am    Registration and continental breakfast
8:15am    Welcome    Edward A. Bogucz, Syracuse CoE
8:30am    Build green: Everyone profits  
S. Richard Fedrizzi, US Green Building Council
9:15am    Emerging technologies for high-performance buildings  
Stephen Selkowitz, Lawrence Berkeley National Laboratory
10:15am   Break
10:30am   Oral synopses of poster presentations (see separate program)
12:00pm   Poster Session and Lunch
1:30pm    The Solaire and beyond: Green building at Battery Park City  
Jim Cavanaugh, Hugh L. Carey Battery Park City Authority
1:55pm    Costs and financial benefits of green buildings  
Greg Kats, Capital E
2:20pm    Discussion: Market demand for high-performance green buildings
2:45pm    EPA program needs for indoor environment research  
John Girman, US Environmental Protection Agency
3:30pm    Break
3:45pm    Oral synopses of poster presentations (see separate program)  
Introduced by Michael Relyea, NYSTAR
5:20pm    Poster Session and Reception
7:00pm    Dinner (Horizons Room, top floor of main hotel)
7:45pm    University as Public Good:  
Opportunities for the Syracuse Center of Excellence  
Nancy Cantor, Syracuse University

**TUESDAY, OCTOBER 26, 2004**

All events at The Marx Hotel, 701 E. Genesee St., Syracuse

7:30am    Continental breakfast
8:15am    Opening comments John J. Vasselli, NYIEQ Center
8:30am    High-performance green buildings on a budget: Case studies  
John Boecker, L. Robert Kimball & Associates
9:30am    One Bryant Park: Case study  
Robert Fox, Cook + Fox
10:15am   Break
10:30am   High-performance residential buildings  
Steven Winter, Steven Winter Associates
11:15am   Panel discussion: Visions for the Syracuse CoE Headquarters
12:00pm   Lunch (Horizons Room, top floor of main hotel)
1:30pm    NYIEQ Center Industry Roundtable: Green Winter™ Design—Unique aspects of high-performance buildings for cold climate environments
PROGRAM FOR ORAL SYNOPSES OF POSTER PRESENTATIONS: MORNING SESSION, OCT. 25

**POSTERS DISPLAYED IN THE FAYETTEVILLE ROOM:**

**10:30am** Intelligent Solar Facade System
Anna Dyson, Rensselaer Polytechnic Institute

**10:36am** The Cornell University Solar Decathlon
Stephanie T. Horowitz & Timothy Fu, Cornell University

**10:42am** Healthy and Quiet Classroom of the Future
David Ashley, Ashley McGraw Architects

**10:48am** IEQ and Energy Benefits with an Enhanced Energy Recovery Ventilator
Norberto Lemcoff, Frederick Cogswell, James A. Davies, Gregory Dobbs, United Technologies Research Center

**10:54am** Optimization of Comfort and Energy in Buildings
Ian Cosden, Seckin Ari, H. Ezzat Khalifa, Syracuse University

**POSTERS DISPLAYED IN THE POMPEY ROOM:**

**11:00am** Measuring the Impact of Uncontrolled Air Flows (UAFs) in Commercial Buildings in NYS
Hugh Henderson, CDH Energy Corporation, & Miao Yang, Syracuse University

**11:06am** Measurements and Modeling of VOC Emissions from a Large Wall Assembly of Typical Wood-Framed Residential Walls
Hui Li, Syracuse University

**11:12am** Comparison Testing of Air Cleaners for Removing Multiple-Volatile Organic Compounds in Indoor Air
Wenhao Chen, Jianshun S. Zhang, Zhibin Zhang, Syracuse University

**11:18am** “Q” Air Terminal Design Concept
James Miller, NuClimate Air Quality Systems, Inc.

**11:24am** Ultrafine Particle Counter for Indoor Air Monitoring
Jeffrey Ambs, Rupprecht & Patashnick Company, Inc.

**POSTERS DISPLAYED IN THE DEWITT ROOM:**

**11:30am** All-Optical Chemical Sensors for Harsh Environments
Michael Carpenter, University at Albany—SUNY

**11:36am** Contaminant Alert System (CAS) Employing OrthoSwitch™ Biosensors
Mark McPike, Bruce Hudson, OrthoSystems, Inc.

**11:42am** Development of Natural Abundance Stable Isotope Molecular Techniques to Trace Biological and Chemical Processes in Ecosystems
Mark Teece, David Kiebe, SUNY College of Environmental Science & Forestry

**11:48am** Developing Sustainable Willow Biomass Crops for Bioproducts and Bioenergy
Timothy Volk, L. Abrahamson, L. Smart, E. White, T. Amidon, A. Stipanovic, J. Nakas, SUNY College of Environmental Science and Forestry

**11:54am** Genetic Improvement of Shrub Willow (Salix) Crops for Bioenergy, Biofuels, and Bioproducts
Lawrence Smart, Juan Lin, Richard Kopp, Ingrid Phillips, Kimberly Cameron, Timothy Volk, Lawrence Abrahamson, SUNY College of Environmental Science and Forestry
**Program for Oral Synopses of Poster Presentations: Afternoon Session, Oct. 25**

**Posters displayed in the Fayetteville Room:**

3:48pm  **The Syracuse AUDIT Study of Risk Factors for Wheezing in the First Year of Life: Study Design and Preliminary Analysis of Outcomes**  
SUNY Upstate Medical University

3:54pm  **Survey of Fungi Found in the Syracuse AUDIT Homes**  
SUNY College of Environmental Science and Forestry

4:00pm  **Geographic Patterns of Lead and Zinc in House Dusts and Surface Soils of Syracuse, NY, USA**  
D. Johnson, J. Brooks, H. Stella Levinsohn, A. Hunt, S. Blount, S. Elsworth, A. Lanciki, S. Lee, D.A. Griffith,  
SUNY College of Environmental Science and Forestry

4:06pm  **Development of a Microbial Risk Assessment Center of Excellence (MRACE) at Syracuse Research Corp. (SRC)**  
Peg Coleman, Pat McGinnis, Mary Ann Tyszko, Syracuse Research Corp.

4:12pm  **Economic Analysis for Energy Recovery Ventilators (ERVs) in the United States and France**  
John Dannenhoffer, Pierre Graveleau, Olivier Heudre, H. Ezzat Khalifa, Syracuse University

**Posters displayed in the Pompey Room:**

4:18pm  **Particulate Pollutant Transport in Indoor Air**  
Kambiz Nazridous, Goodarz Ahmadi, Clarkson University

4:24pm  **Validation and Verification of CFD for the Personal Microenvironment: Benchmark Tests for a Computer Simulated Person**  
Chris Sideroff, Syracuse University

4:30pm  **Exposure Control Using Low-dimensional Techniques Using PIV Measurement in the Breathing Zone**  
David Marr, Syracuse University

4:36pm  **On-Line Recording and in situ Verification Sampling of an “Allergy Friendly Room” Treatment Protocol**  
John (Jack) Barrett, Robert Baier, Robert Forsberg, & Prashant Nagathan, University at Buffalo—SUNY

4:42pm  **Event-Segmented Collection and Identification of Bioaerosols in a Busy Dental Clinic**  
Robert Forsberg, Robert Baier, Lance Ortman, Harvey Patashnick, William Rogers, University at Buffalo—SUNY

4:48pm  **Fugitive Particulates Dispersed with Hospital Medical Air**  
Prashant Nagathan, R. Baier, R. Forsberg, T. Brown, B. Kanegsberg, E. Kanegsberg, University at Buffalo—SUNY

4:54pm  **Hospital Environmental Control Unit**  
Larry Wetzel, Air Innovations

**Posters displayed in the DeWitt Room:**

5:00pm  **Improving the Efficiency of Small Wind Turbines**  
Ken Visser, Clarkson University

5:06pm  **Balancing Urban River Restoration for Ecologic and Flood Control Functions**  
Theodore Endreny, Donald Leopold, SUNY College of Environ. Sci. and Forestry

5:12pm  **New York’s Near-Real-Time Surface Water Quality Monitoring Network**  
Steven Effler, David O'Donnell, Upstate Freshwater Institute

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**Syracuse Center of Excellence in Environmental and Energy Systems**  
**EOS**  
**STAR Center for Environmental Quality Systems**  
**NYIEQ**  
New York Indoor Environmental Quality Center, Inc.