

SYRACUSE CENTER OF EXCELLENCE PRESENTS: The 7th Annual Symposium on Environmental & Energy Systems

# BUILDING INNOVATIONS FOR CLIMATE CHANGE

OCTOBER 22 & 23, 2007 | ONCENTER, SYRACUSE  
[syracusecoe.org/symposium/2007](http://syracusecoe.org/symposium/2007)



## MONDAY, OCTOBER 22, 2007

- 7:30 am Registration and continental breakfast
- 8:00 am **Welcome: Suresh Santanam, Sc.D.**, Deputy Exec. Director,  
Syracuse Center of Excellence in Environment and Energy Systems
- 8:10 am **Opening Remarks: Edward A. Bogucz, Ph.D.**, Exec. Director, Syracuse Center  
of Excellence in Environment and Energy Systems
- 8:20 am **Hon. James T. Walsh**, U.S. House of Representatives (*invited*)
- 8:30 am **Hon. Susan Roaf**, Oxford City Council, Oxford, England  
*"Addressing Climate Change through Innovative Urban Master Planning—the Oxford  
Experience"*
- 9:30 am **Prof. Alan Plattus**, Yale School of Architecture and Director of  
Urban Design Workshop, Yale University, New Haven, CT  
*"Three Kinds of Sustainable Community Design"*
- 10:15 am Break
- 10:30 am Posters—Oral Synopses/Q&A
- 12:00 pm Lunch (Reception Area) & Poster Viewing
- 1:00 pm **Jerald Schnoor**, Professor, Department of Civil & Environmental Engineering, University  
of Iowa  
*"The WATERS Network: Transforming Environmental Engineering and Hydrologic  
Science Research through an Integrated Environmental Observing Network"*
- 1:45 pm **John Ward**, CSIRO Energy Technology, New Castle, Australia  
*"Outside the Box—HVAC Management Techniques that Consider the  
World Around Them"*
- 2:30 pm Break
- 2:45 pm Posters—Oral Synopses/Q&A
- 4:15 pm **Toshiko Mori**, Toshiko Mori Architects, New York, NY and Professor and Chair,  
Department of Architecture, Graduate School of Design, Harvard University, Cambridge,  
MA  
*"Sustainability Innovations in the Headquarters for the Syracuse Center of Excellence"*
- 5:00 pm Reception & Poster Viewing
- 6:30pm Dinner  
**Speaker: Hon. Paul Tonko**, President and CEO, NYSERDA

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TUESDAY, OCTOBER 23, 2007

- 7:45 am Continental breakfast
- 8:15 am **Welcome: Suresh Santanam, Sc.D.**, Deputy Exec. Director, Syracuse CoE
- 8:20 am **Opening Remarks: Bob DeZoppo**, Syracuse Research Corporation
- 8:30 am **Volker Hartkopf**, Professor of Architecture, Carnegie Mellon University, Pittsburgh, PA  
*"Building as Power Plant: A vision for sustainable energy systems integrated with building infrastructure"*
- 9:15 am **W. Dan Turner**, Professor of Mechanical Engineering and Director of Energy Systems Laboratory, Texas A&M University, College Station, TX  
*"Metering, Optimization and Continuous Commissioning for Sustainable Buildings"*
- 9:40 am Break
- 9:50 am **Edward Arens**, Professor, Graduate School of Architecture and Director of Center for Environmental Design Research, University of California, Berkeley, CA  
*"Assessment of the Indoor Environment: Learning from Buildings"*
- 10:15 am **Norm Bourassa**, Energy Efficiency Research Office, California Energy Commission, Sacramento, CA  
*"California Public Interest Energy Research for Buildings - Finding multiple pathways to the market"*
- 10:40 am **Timothy Wagner**, Principal Research Engineer, United Technologies Research Center, East Hartford, CT  
*"CHP - An Innovation to Reduce Building Energy and Carbon Footprint"*
- 11:15 am Panel Discussion
- 12:00 pm Adjourn & Lunch