



# Syracuse Symposium 2006

on Environmental and Energy Systems  
Innovative Built Environments: **Design With Nature**  
October 30-31

## 6TH ANNUAL SYRACUSE CoE SYMPOSIUM

THE MARX HOTEL AND CONFERENCE CENTER, SYRACUSE

**MONDAY, OCTOBER 30, 2006**

- 7:30am Registration and continental breakfast
- 8:00am **Welcome:** Suresh Santanam, Sc.D., Deputy Exec. Director,  
Syracuse CoE
- 8:10am **Opening Remarks:** Edward A. Bogucz, Ph.D., Exec. Director,  
Syracuse CoE
- 8:20am **The Honorable James T. Walsh, U.S. House of Representatives**
- 8:30am **"The Business Case for Sustainability"**  
Hunter Lovins, President, *Natural Capitalism, Inc.*
- 9:30am **"The Complex Dynamics of Urban Ecosystems"**  
Peter Groffman, Ph.D., Microbial Ecologist,  
*Institute of Ecosystem Studies*
- 10:15am Break
- 10:30am **The Honorable Matthew J. Driscoll, Mayor of Syracuse**
- 10:45am **Posters - oral synopses/Q&A**
- 12:00pm **Lunch (Reception Area) and Poster Viewing**
- 1:00pm **The Honorable William B. Magnarelli, NYS Assembly**
- 1:15pm **"Prototyping a Sustainable Future"**  
Jason Pearson, Executive Director, *GreenBlue*
- 2:00pm **"New Tools for Sustainable Office Interiors"**  
Randy Carter, Principal Engineer, *Steelcase*
- 2:45pm Break
- 3:00pm **"Sniffing like a Dog to Improve Air Sensors"**  
Gary Settles, Ph.D., Prof. of Mechanical Engineering,  
*Pennsylvania State University*
- 3:45pm **Posters - oral synopses/Q&A**
- 5:00pm **Reception and Poster Viewing**
- 6:30pm **Dinner (Horizon's Room – The Marx) and the  
Willis H. Carrier Award Presentation**



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**TUESDAY, OCTOBER 31, 2006**

- 7:45am** Continental breakfast
- 8:15am** Opening Remarks: Richard Cauchon, *Sensis Corporation*
- 8:30am** "Sustainable Buildings and World Class Architecture, not a Contradiction"  
Matthias Schuler, *Transsolar Klima Engineering, Germany*, and Visiting Professor, *Harvard Graduate School of Design*
- 9:00am** "Facade Engineering–State of the Art in Europe"  
Winfried Heusler, Ph.D., Chief Technologist, *Schuco, Germany*
- 9:30am** "Building Design for the Environment"  
John Vasselli, Corporate Chief of Technology for Indoor Air Quality, *Carrier Corporation*
- 10:00am** Break
- 10:15am** "Energy Solutions for the 21<sup>st</sup> Century"  
James Lyons, Ph.D., *Director, GE Global Research – Renewables presented by: Minesh Shah, Ph.D. Manager, Automation and Controls Lab, GE Global Research*
- 10:45am** "The \$ and Sense of Wind Energy"  
Lawrence Flowers, *National Wind Technology Center, National Renewable Energy Laboratory*
- 11:15am** Panel Discussion: "Challenges in Sustainable Design"
- 12:00pm** Lunch (Horizon's Room – The Marx)