

# Minnesota Chapter

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.

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## 2006 SUSTAINABILITY SEMINAR Building Sustainability from the Foundation Up

**WEDNESDAY** (not Tuesday)

**NOVEMBER 8TH**

**7:30 AM - 1:30 PM**

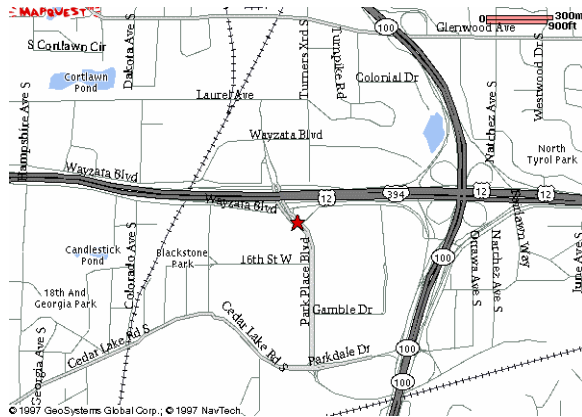
**Doubletree Park Place Hotel Minneapolis**

1500 Park Place Blvd.

Minneapolis, MN 55416

(612) 542-8600 - Fax: (612) 542-8068

(Call 612-542-8600 for directions)



### SEMINAR AGENDA

Time	Topic / Speaker
<b><u>7:30 - 8:15</u></b>	Registration / Vendor Displays
<b><u>8:15 - 9:05</u></b>	<b>1 Extreme Architecture</b> – Designing buildings to German Passive House standard for 85% less energy use than U.S. codes. Can it work in Bemidji, MN? <i>Stephan Tanner - Intep, LLC, Minneapolis</i>
<b><u>9:05 - 9:55</u></b>	<b>2 Infiltration: Blower Door Testing</b> – Meet the inventor himself and find out how American buildings compare to European. (Meet the blower door too.) <i>Gary Nelson – The Energy Conservancy, Minneapolis</i>
<b><u>9:55 - 10:10</u></b>	<b>Break</b> (Vendor Displays)
<b><u>10:10 - 11:00</u></b>	<b>3 Relational Control</b> – Relational control techniques offer dramatic improvements in energy efficiency, operating stability and system performance. Sustainability without sacrifice. <i>Tom Hartman – The Hartman Company, Georgetown, Texas</i>
<b><u>11:00 - 11:50</u></b>	<b>4 Constructing Sustainability</b> – From designing to building, from roofs to landscaping, WERC has its hands around sustainable practices. (And ask David about bio-fuels.) <i>David Winkelman – Winkelman’s Environmentally Responsible Construction, Brainerd, MN</i>
<b><u>11:50 - 12:15</u></b>	<b>Social “Hour”</b>
<b><u>12:15 - 1:30</u></b>	<b>Lunch: ASHRAE Monthly Meeting – “ASHRAE Sustainability Roadmap”</b> Society strategic plan, research, standards and guidelines are headed down the green road. <i>Rick Hermans ASHRAE Director-at-Large – CEE, Minneapolis-</i>

## REGISTRATION INFORMATION

NON-ASHRAE MEMBER ..... ENCLOSED IS MY CHECK FOR \$85  
ASHRAE MEMBER ..... ENCLOSED IS MY CHECK FOR \$75  
STUDENT ..... FREE

A LATE FEE OF \$10 WILL BE ADDED TO THE ABOVE  
FOR REGISTRATION AT THE DOOR

THE COST OF LUNCH AND MONTHLY CHAPTER MEETING ONLY IS \$25 (STUDENTS ARE FREE)  
WHEN RESERVED IN ADVANCE. WITHOUT AN ADVANCE RESERVATION, THE COST IS \$30.

## EXHIBITOR TABLE TOP DISPLAY

FOR \$200 (MONEY GOES TO ASHRAE RESEARCH)  
ONLY 6 TABLES ARE AVAILABLE, FIRST COME, FIRST SERVED!  
(CONTACT MARK MUHLSTEIN AT (952) 525-2033 FOR A TABLE RESERVATION)

## REGISTRATION FEE INCLUDES

**COFFEE AND DONUTS AT REGISTRATION, SEMINAR, MONTHLY ASHRAE  
BUSINESS MEETING, AND LUNCHEON**

**REGISTRATION MUST BE RECEIVED BY NOVEMBER 3<sup>rd</sup>, 2006**

MAKE CHECKS PAYABLE TO: MINNESOTA ASHRAE CHAPTER

## REGISTRATION FORM

2006 SUSTAINABILITY SEMINAR  
WEDNESDAY, NOVEMBER 8, 2006

ENCLOSED IS MY CHECK FOR \$ \_\_\_\_\_

I AM AN ASHRAE MEMBER \_\_\_\_\_ I AM A STUDENT \_\_\_\_\_

NAME \_\_\_\_\_

COMPANY \_\_\_\_\_

PHONE \_\_\_\_\_

## SEND RESERVATION TO:

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5831 Cedar Lake Rd  
Minneapolis, MN 55416

PHONE: 952-525-2033 / FAX: 952-738-5228

email: [mark.muhlstein@mmstwincities.com](mailto:mark.muhlstein@mmstwincities.com)

or register online at [www.mnashrae.org](http://www.mnashrae.org) (the "sustainable" way)