The ground source heat pump industry continues to grow through new technologies and industry training. IGSHPA’s Technical Conference and Expo is the industry’s premier conference and gives you the information you need to become or remain a competitive member of the space conditioning industry. The conference focuses on expanding the ground source heat pump market and overcoming the challenges the industry faces. The conference also features research updates and a product showcase. The conference begins Oct. 11, 2006 and includes presentations from respected leaders in the business. This is an opportunity to develop relationships with some of the key members of this industry. Don’t miss this chance to come and participate!

**Why Attend?**

You don’t want to miss this chance to gather with other leaders and fuel the industry. This is the only conference solely dedicated to the ground source heat pump industry. The conference is also a great way to start obtaining your continuing education units (CEUs) which can be obtained for Certified Geoexchange Designers and Accredited Installers and may be applicable to other organizations.

### Hotels & Travel:

**Hotel Information:**
Registrants who book a room at the Crowne Plaza Hotel will get a $25.00 discount on conference registration and coupons good for two days of free parking and two free breakfasts at Webster’s Corner Restaurant in the Crowne Plaza. (A $75.00 value.)

The conference is held at the Crowne Plaza Hotel in Albany, NY. Special room rates of $119.00 per night are available for conference attendees. To receive the IGSHPA rate and ensure availability, reservations must be made by Sept. 17, 2006. Please call the Crowne Plaza directly to make room reservations. The Crowne Plaza will notify IGSHPA, so you receive your conference registration discount and coupons.

Crowne Plaza Hotel  
State and Lodge Streets  
Albany, NY 12207  
518-462-6611  
518-462-8192 fax

**Airline Information:**
Continental Airlines is the preferred airline of the IGSHPA Technical Conference. For discounts, call your travel professional or Continental’s MeetingWorks at 800-488-7022. Outside the United States, please call your local Continental Airlines Reservation Office. You may also book online at www.continental.com. Enter your Z code and Agreement code in the Offer Code Box when searching for flights.

Z Code: ZSVF  
Agreement Code: V7GQ4D

### Fees:

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<tbody>
<tr>
<td>Conference Only</td>
<td>$575.00</td>
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<tr>
<td>IGSHPA Members</td>
<td>$675.00</td>
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<tr>
<td>Non-Members</td>
<td>$350.00</td>
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<tr>
<td>One-Day</td>
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<tr>
<td>Certified Geoexchange Designer Course &amp; Conference</td>
<td>$1,645.00</td>
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<tr>
<td>Accredited Installer Workshop &amp; Conference</td>
<td>$975.00</td>
</tr>
<tr>
<td>On-site Registration</td>
<td>add $50.00</td>
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### Special Needs Accommodations:

Individuals with disabilities who require special services or an aid for the program need to provide a detailed written description of their needs no later than Sept. 30, 2006. If a specific request is not made in advance it may not be available at the conference. The Crowne Plaza Hotel is in compliance with the Americans with Disabilities Act.

### Conference Attire:

Conference attire is business casual.
**Agenda**

**Monday, October 9**
- Accredited Installer Workshop

**Tuesday, October 10**
- Accredited Installer Workshop
- Certified Geoxchange Designer
- Q&A session
- IGSHPA Advisory Council meetings

**Wednesday, October 11**
- Introductions
- Welcome
- Opening Session
- Keynote Speaker: Peter Smith, NYSERDA
- Patricia Acampora; Commissioner New York Public Service Commission
- State of the Industry Forum
- Lunch - Bill Flynn New York Public Service Commission
- Accredited Installer Workshop
- Exhibitors Forum

**Thursday, October 12**
- Hot Stories of Cold Climates
- Retrofits: Better Than Before
- Solving Problems: Priceless!
- Drillers’ Core Issues
- Geo+++
- Lunch - Jones Lofflin—“Juggling Elephants”
- Ambassador Awards
- Uniquely Applied Ideas
- Global Developments
- Get an “A” in Energy: Geo-Schools
- Exhibitors Gala

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**Drillers Core Issues**

*October 12, 2006*

Come and learn about several important topics facing geothermal drillers today. The session will provide practical approaches to being successful in the industry with presentations like: problems and unanticipated costs associated with geothermal drilling, making money in commercial geothermal drilling, and a special feature on New York’s permitting requirements for drilling deep geothermal wells. With years of geothermal drilling experience, each presenter offers sound methods to improve and expand your geothermal business.

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**Get an “A” in Energy: Geo-Schools**

*October 12, 2006*

For facilities managers, teachers, administrators and all others interested in being at the top of the class. This track will focus on achieving energy efficiency with GSHPs in schools. Some of the topics covered include: distributed pumping systems and their effect at one Texas high school, the LEED program and schools, and the successful geothermal installation at New Central York High School in Pennsylvania. At this session, you will discover the genius behind geo schools.

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**Jones Lofflin**

*The Speaker with Two Last Names*

*October 12, 2006*

Jones Lofflin, an internationally recognized speaker and corporate trainer, will deliver an engaging and practical talk based on his book, *Juggling Elephants: Be The Ringmaster of Your Work and Life*. IGSHPA conference attendees will hear his simple strategies that will enable individuals and organizations to pursue their goals with confidence and clarity. With wit and enthusiasm, Jones’ insightful program will make an impact instead of an impression by the use of humor, powerful examples and frequent audience involvement and interaction.

Jones has provided individuals and organizations with a better way to effectively deal with change. He became one of the first individuals in the nation trained to provide programming on the best-selling book, *Who Moved My Cheese?* His client list includes: Microsoft, Bayer Health Care, US Airways, Siemens International, Arrow Shirt, The Air Force and a host of other business, government and education-related organizations. He has delivered high impact learning programs to organizations in the United States and over 15 countries.
Courses and Workshops

Accredited Installer Workshop
October 9-12
$975 includes Workshop and Full Conference Registration

Learning to install GSHP systems will keep you competitive in a market forced to deal with rising energy costs and resource depletion. Installer accreditation enables you to open new markets and offer customers a low-maintenance, economical and environmentally friendly alternative for their space conditioning needs.

Who should attend?
The three-day comprehensive Installation Workshop is designed for GSHP developers, architects, manufacturers, distributors, dealers, installers, HVAC contractors, trenching/drilling contractors, and anyone who desires a working knowledge of this innovative technology. Information gathered from the workshop can also help utility representatives serve as a source of information regarding money-saving concepts.

Accreditation
Upon successful completion of the workshop and passing the IGSHPA accreditation exam, you will be issued IGSHPA accreditation as an installer of GSHP systems. You will receive an installer’s card and a certificate.

Topics
• Design and Material Options
• System Layout
• Pipe Joining Techniques
• Trenching/Drilling Processes
• Air and Debris Purging
• Pressure Drop Calculations
• Pump and Fluid Selection
• Thermal Conductivity

Certified Geoexchange Designer Course
October 10-12
$1645 includes Course and Full Conference Registration

Are you a professional engineer, registered architect, installer or contractor Interested in advanced training and experience in designing GSHPs? We have the training to fit your needs!

Become a Certified Geoexchange Designer (CGD) with training brought to you through the combined efforts of the International Ground Source Heat Pump Association (IGSHPA), the Geothermal Heat Pump Consortium (GHPC), and the Association of Energy Engineers (AEE). Take advantage of this opportunity via our distance learning course option. You will receive all course materials including lectures on CD, prior to attending a one-day Q&A/review seminar. Having the lectures on CD ensures that you will have a professional instructor at your desktop for life! No more trying to remember exactly what the instructor said; instead, see for yourself by referring back to the lectures on CD.

You should view all of the CD lectures, make notes, and record questions prior to attending the one-day Q&A/review that will be presented in conjunction with IGSHPA’s Technical Conference & Expo. Following the conference, the certification exam will be available to take on-line at the student’s convenience. Registration must be received by September 1, 2006.

* Taking the CGD course and passing the exam are only part of the certification process. Please visit IGSHPA’s Web site at www.igshpa.okstate.edu for complete details regarding certification.

To register for these sessions, complete the attached registration form. For questions regarding registration, call 800-626-4747

Special Track on Thursday

Solving Problems: Priceless!
Fred Schoen
Geo-Enterprises, Inc.
October 12, 2006

Do you want to brush up on your GSHP problem-solving skills? Then you should attend this class taught by Fred Schoen, Geo-Enterprises. Fred brings a lifetime of geothermal experience to this session. He will cover important issues such as:
• Geo system diagnostic procedures
• Heat pump performance testing procedure
• Heat pump control circuit diagnostics
• Identifying internal heat pump components and their purpose
• Water and refrigerant circuit diagnostics
• Proper system maintenance
Peter R. Smith, a strong proponent of geothermal heat pumps, was appointed President of the New York State Energy Research and Development Authority on January 26, 2004. Prior to his appointment, Mr. Smith was Vice President for Programs and Program Director for Energy Analysis. As Vice President for Programs, he oversaw delivery of the Authority’s energy efficiency, energy analysis, economic development, research and development, residential, nuclear waste, and bond financing programs.

Today, he is responsible for the overall management of the Authority, a public benefit corporation of the State of New York with assets of more than $330 million. One of our industry’s 2006 Technical Conference and Expo’s presenting sponsors, NYSERDA is also the third-party administrator of New York’s five-year, $750 million public benefits program, which was created as part of the State’s move to electric competition. As administrator, NYSERDA operates more than 30 programs under the umbrella of New York Energy $martSM.

Peter has more than 26 years of experience in analyzing and studying energy and environmental issues and problems. He holds a masters degree in Public Administration from the Nelson A. Rockefeller School of Public Affairs and Policy, State University of New York at Albany, and a bachelor of arts degree from LeMoyne College in Syracuse, New York.
CONFERENCE REGISTRATION

Conference October 11-12, 2006 • Accredited Installer Workshop & Conference October 9-12, 2006
Certified Geoexchange Designer Workshop & Conference October 10-12, 2006

Please type or print. All correspondence will be sent to the address provided below.

| Name __________________________ | Badge Name __________________________ |
| Company __________________________ | Title __________________________ |
| Address ________________________________________________________________________________ |
| City __________________________ | State ___ | Zip/Postal Code __________________________ | Country __________________________ |
| Phone __________________________ | Fax __________________________ | E-Mail __________________________ |

IGSHP A will be happy to make any necessary accommodations for Workshop students with learning disabilities. Please notify our office in advance.

Does anyone in your group have special dietary needs? __________________________________________________________

Registration Fees

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<th>Cost</th>
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<tbody>
<tr>
<td>IGSHPA member (#____________ )</td>
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<tr>
<td>Accredited Installers Workshop &amp; Conference²</td>
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</tr>
<tr>
<td>Discount for Crowne Plaza Hotel accommodations</td>
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</tbody>
</table>

**NOTE:** Registrations will be accepted through 5:00 p.m. CDT Friday, Oct. 6. After that time only on-site registrations will be accepted. On-site registration add $50.00.

Total Fees

(Register four people from the same company and get the fifth person for FREE! Call Shelly Fitzpatrick at 1-800-626-4747 for more information. Applies to conference registration only; not workshops.)

Conference - Cancellation must be received fourteen (14) days prior to the event to receive a full refund. Substitutions can be made at any time. Late cancellations will be charged a $75.00 handling fee.

¹ CGD Workshop - You will receive final course confirmation by phone or by e-mail prior to shipping of the Certified Geoexchange Designer (CGD) course manuals and CD. Once the CGD manuals and CD have been shipped to you, you will not be eligible for a refund. All manuals will be shipped on or before Sept. 8, 2006, and any cancellation requests must be made prior to this date. All cancellations will be subject to a $75.00 processing fee.

² Accredited Installer Workshop - The full tuition will be refunded if you cancel your registration at least two (2) weeks prior to the first day of the confirmed workshop. The full fee will be charged if you do not attend and do not cancel the registration at least fourteen (14) days before the workshop. You may designate another individual as your substitute.

Mail or Fax the Completed Form to:
The International Ground Source
Heat Pump Association
Oklahoma State University
374 Cordell South
Stillwater, OK 74078

Phone: 800-626-4747
Fax: 405-744-5283

Up-to-Date Conference Information
www.igshpa.okstate.edu/conference

Payment Information
Prepayment by one of the following methods must accompany this form.

- Check enclosed, **US dollars payable through a US bank**
- Purchase Order enclosed (IGSHPA members only)
- Charge my: ☐ VISA ☐ MasterCard

Card# __________________________
Expiration Date __________
Name __________________________
Signature __________________________