

CONFERENCE REGISTRATION 2010

Conference October 27-28 • Accredited Installer Workshop & Conference – October 25-28
 Certified GeoExchange Designer Workshop & Conference – Course October 28 (includes conference Oct. 27)
 Accredited Drillers Training & Conference – October 25-27 (includes conference Oct. 28)

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 _____

IGSHPA 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? _____

IGSHPA makes names and e-mail addresses only available to our Exhibitors & Sponsors. Please check if you DO NOT want information released.

Registration Fees

_____ IGSHPA member (# _____)\$650.00

_____ Non-member, conference only\$750.00

_____ One Day Only\$400.00

(Choose one: Wed. Thurs.)

_____ Certified GeoExchange Designer Workshop & Conference¹
 (Register by Oct. 15; seating is limited.)\$1,645.00
 +\$19.95 ground shipping for manual set\$19.95
 (Foreign addresses & expedited shipping call for rates)

_____ Accredited Installers Workshop & Conference²
 (Register by Oct. 15; seating is limited.)\$975.00

_____ Accredited Drillers Workshop & Conference²
 (Register by Oct. 15; seating is limited.)\$875.00

NOTE: Registration deadline is 5:00 p.m. CDT Friday, October 15.
After that time only on-site registrations will be accepted.
 On-site registrationadd \$50.00

Discount Code _____ (-\$ _____)

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.)

Registrations include breakfast and lunch.

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.igsHPAconference.com

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 _____ CVC Code _____

Name _____

Signature _____

CONFERENCE INFORMATION

The 2010 **IGSHPA TECHNICAL CONFERENCE AND EXPO** will present cutting edge sessions on issues affecting the ground source heat pump industry. Presentation topics that will boost your business include:

- LEGISLATIVE HIGHLIGHTS
- ZERO ENERGY BUILDINGS
- MARKETING STRATEGIES
- INTERNATIONAL ACTIVITY
- CASE STUDIES

The conference opening session begins at 8:00 am Wednesday, October 27 and features nationally recognized industry leaders. The afternoon showcases updates on industry organizations, a drillers town hall and a software demonstration.

Thursday continues with tracks on certification standards, marketing, distance learning, troubleshooting, case studies and more.

IGSHPA will host a reception in the exhibit hall for first time attendees on Tuesday evening.

IGSHPA will conduct training sessions beginning October 25 and continuing throughout the conference. Offered are workshops for Accredited Installers, Accredited Vertical Loop Installers and Certified GeoExchange Designers.

ABOUT THE EXPO

The Expo will feature a wide variety of geothermal community representatives, including manufacturers, contractors, distributors, drillers and other industry resources. The Expo will be open from 10:00 am to 7:00 pm on Wednesday, October 27 and from 8:00 am to 4:00 pm on Thursday, October 28 providing exhibitors and attendees ample time to interact. The Expo will also be open to the public each day at no charge.

CONFERENCE SCHEDULE

WEDNESDAY EXHIBIT HALL 10AM-7PM (OPEN TO PUBLIC)

7:30	REGISTRATION OPENS		
8:00	OPENING SESSION - Jim Bose, Executive Director & John Turley, Advisory Council Chairman. Introduction of Special Guests: Conference Program Committee Co-Chairs, Jack DiEnna & Chris Smith.		
10:00	EXHIBIT HALL OPENS		
10:30	SESSION A Residential Retrofit Panel	SESSION B Commercial Panel: Architect Engineers & Contractors	
12:00	LUNCH & LUNCHEON SPEAKER Robert Hawsey - NREL Associate Laboratory Director of the Renewable Electricity & End use Systems		
1:30	SESSION A Industry Updates	SESSION B Drillers Town Hall	SESSION C Design Programs & Discussions
7:00	EXHIBIT HALL CLOSES		

*All Times & Events are Tentative

Breaks at 10:00 am and 3:00 pm each day in exhibit hall

Check www.igsHPAconference.com for updates and greater detail.

HOTEL INFORMATION

The conference will be held at the **Crowne Plaza Denver International Airport Convention Center**. Please make your hotel reservations directly through the **Crowne Plaza**. Rates are **\$127 + hotel and state taxes per night**. Please mention IGSHPA when making reservations to receive the IGSHPA rate. This special rate will be available through October 4.

Note: Rooms will fill quickly! Make your reservations early.

Overflow Hotels:

Crowne Plaza Denver International Airport Convention Center
 15500 East 40th Ave.
 Denver, CO 80239 USA
 Phone: 1-303-371-9494 or TOLL FREE: 1-866-378-1583
 Code: mention IGSHPA
 Rate: \$127 + hotel & state taxes per night
 Availability: Rates are good until October 4, 2010

CAMBRIA SUITES
 16001 E. 40th
 Phone: 303-576-9600
MARRIOTT - DENVER AIRPORT
 down the street (free shuttle to the Crowne Plaza)
 Phone: 303-371-4333
THE SLEEP INN (NEXT TO CROWNE PLAZA)
 15900 E. 40th
 Phone: 303-373-1616



www.GEOEXCHANGE.org

LEGISLATIVE ACTION SESSION Thursday 10AM-12PM

The newly formed Geothermal Exchange Organization (GEO) will conduct an instructional session on communicating with legislators and policy makers about geothermal heat pump industry issues.

For advance registration please call (888) 255-4436 or e-mail jkelly@geoexchange.org

MEDIA PARTNERS



THURSDAY EXHIBIT HALL 8AM-4PM (OPEN TO PUBLIC)

7:30	REGISTRATION OPENS		
8:00	EXHIBIT HALL OPENS		
8:00	SESSION A National Certification Standards Specifications: (GHPC/IGSHPA/ORN/NGWA)	SESSION B High Performance Homes New & Existing	SESSION C Geo Programs and Benefits
10:30	SESSION A Pipe: Products & Equipment	SESSION B Innovative Products & Services 1	SESSION C Geothermal Installation Trouble Shooting
12:00	LUNCH		
1:30	SESSION A NREL Smart Label	SESSION B Innovative Products & Services 2	SESSION C Marketing Your Geothermal Business
3:30	SESSION A GHP Technology Enhancements	SESSION B Commercial Installations	SESSION C Industry Insights Panel
4:00	EXHIBIT HALL CLOSES		
5:00	ADJOURN		

IGSHPA TRAINING

Accredited Installer Workshop

October 25-28, 2010

Registration Fee: \$975

Fee includes conference registration and a complete set of workshop materials.

Learn how to install GSHP systems and keep competitive in a market filled with rising energy costs and resource depletion. Installer accreditation¹ enables you to offer customers a low-maintenance, economical and environmentally friendly alternative for their space conditioning needs.

This comprehensive workshop is designed for Developers, Equipment Distributors and Dealers, HVAC Contractors, Trenching and Drilling Contractors and anyone who desires a working knowledge of this innovative technology. This workshop will also aid utility representatives in serving as a source of information regarding money-saving concepts.

Topics covered will include residential and light commercial system design, layout, trenching and drilling processes, and much more.

¹Credentials as an IGSHPA Accredited / NATE Certified Installer are awarded based upon successful completion of the workshop and exam.

Certified GeoExchange Designer Course

October 28, 2010

Registration Fee: \$1645

Fee includes conference registration and a complete set of course materials.

This distance learning course and one-day Q&A/review seminar is ideal for professional engineers, registered architects, Installers and Contractors who want advanced training in designing GSHP systems. Attendees will receive all course materials including lectures on CD, prior to the Q&A session on Oct. 28. This format allows participants to learn at your own pace and gives you access to the lectures for life! Come to the session with your notes and questions for our industry experts. Afterward the certification exam² will be available online to take at your convenience.

Attending this Q&A session gives you the added opportunity to network with industry professionals at IGSHPAs Technical Conference and Expo!

²Taking the CGD course and passing the exam are only part of the certification process.

Accredited Drillers Workshop

Applications of Production Drilling and Borehole Construction for GeoExchange Systems

October 25-27, 2010

Registration Fee: \$875

Fee includes conference registration and a complete set of workshop materials.

This workshop will train individuals on proper construction and completion methods for vertical GeoExchange boreholes. This subset of the IGSHPA Accredited installer Workshop will focus on design and installation information as it pertains to the drilling contractor as well as information that is unique to that contractor on a GeoExchange job site.

This comprehensive workshop is designed for current Drilling Contractors³, Project Superintendents, Project Managers, Drilling Company Administrators and Principals.

Topics covered will include GSHP system design and layout basics, formation thermal conductivity, drilling processes, containment procedures, grouting procedures, pipe joining techniques, project bidding and partnerships.

Accreditation as an IGSHPA Accredited Vertical Loop Installer is awarded based upon successful completion of the workshop and exam.

³This workshop does not satisfy local or state drilling licensure requirements or provide attendees with any form of a drilling license.

International Ground Source
Heat Pump Association
374 Cordell South
Stillwater, OK 74074



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Stillwater, OK
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SPEAKER
ROBERT A. HAWSEY
ASSOCIATE LABORATORY DIRECTOR FOR
RENEWABLE ELECTRICITY AND END USE SYSTEMS
NATIONAL RENEWABLE ENERGY LABORATORY



Robert A. (Bob) Hawsey is the Associate Laboratory Director for Renewable Electricity and End Use Systems at the U.S. Department of Energy's (DOE) National Renewable Energy Laboratory (NREL) in Colorado. He is responsible for approximately \$150M of programs in renewable energy, energy efficiency, and electricity delivery, including solar and wind energy technologies, water and hydropower technologies, building technologies, distributed energy resources, and electricity technologies. Primary sponsors of this technology research include DOE's Office of Energy Efficiency and Renewable Energy (EERE), the Office of Electricity Delivery and Energy Reliability (OE), and numerous other government and industrial sponsors.

Hawsey came to NREL from the Oak Ridge National Laboratory (ORNL) in Tennessee where he was responsible for leading, coordinating and implementing ORNL's \$100M research and development portfolio of projects conducted for the DOE-EERE and the DOE-OE. From 1991 through 2005 he was the manager of ORNL's Superconductivity Program and from 2004-2006 he also managed ORNL's Electric Transmission and Distribution research program. Prior to coming to Oak Ridge in 1980, Mr. Hawsey was a development engineer for the AiResearch Manufacturing Company (now Honeywell) in Los Angeles where he designed and conducted experiments for high speed rotating machinery.

He holds the B.S.-Ed. degree in Physics-Mathematics (Indiana University of Pennsylvania) and the M.S. in Engineering Physics (University of Virginia). Hawsey is a member of the IEEE and previously served as president of the Oak Ridge Section of ASME-International. He has served on an Industrial Advisory Board for Embry-Riddle Aeronautical University in Florida and the board of directors of the Southeast Energy Efficiency Alliance. He holds three U.S. patents and in 2005 was co-chairperson of the program committee for the 18th International Symposium on Superconductivity held in Tsukuba, Japan.

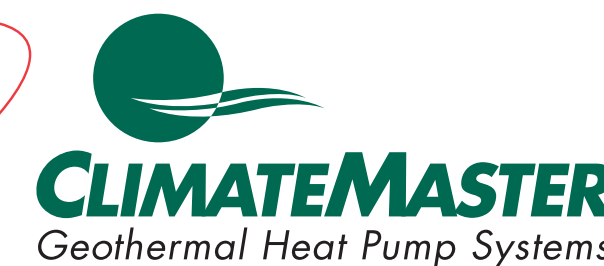
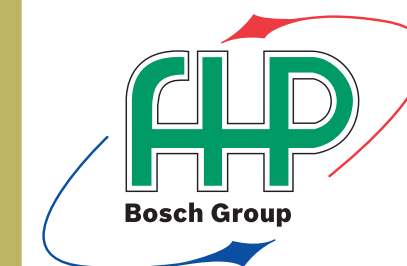
INTERNATIONAL GROUND SOURCE HEAT PUMP ASSOCIATION
TECHNICAL CONFERENCE & EXPO

2010 DENVER

OCTOBER 27-28

PRE-CONFERENCE TRAINING BEGINS OCTOBER 25

CONFERENCE SPONSORS



AWEB ENERTECH MANUFACTURING GEO-ENTERPRISES
GEOSMART ENERGY GEOEXCEL ISCO MAJOR GEOTHERMAL