



# IGSHPA News

*Keeping you in the Loop*

## Events

**November 4: Last Day for Earlybird Registration for the  
2022 Annual Conference**

**November 5- December 8: Accredited Installer Hybrid  
Course with Option to Complete In-Person at Conference**

**December 2,3 & 8: Certified Geothermal Inspector Hybrid  
Class with Option to Complete In-Person at Conference**

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EVENTS PAGE ON OUR WEBSITE: [https://igshpa.org/  
calendar/](https://igshpa.org/calendar/)

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## Message from the Executive Director

October was an exciting month for IGSHPA. Not only did we fill our Diamond sponsorship for the conference (thank you, U.S. Department of

Energy, Geothermal Technologies office!), but we also finalized all of the conference presentations, panelists, advertisers, and we posted the [conference program guide](#) online. We're just over a month away from the IGSHPA annual conference, December 6 to 8. If you haven't registered yet, ***make sure to take advantage of the [Early Bird special pricing](#), which ends on November 4.***

The Annual Conference promises to be even better than last year with more than double the registrations so far and a wide range of topics and opportunities to network. We have a keynote presentation on a large university project, a presentation from the U.S. D.O.E., and information on the new Inflation Reduction Act. Grundfos is sponsoring lunch on Wednesday and will be gathering feedback from the industry. Plus, we have several first-time exhibitors and new-to-the-industry presenters. As our industry grows, we are seeing a lot of new interest in the technology.

October was also the start of voting for IGSHPA board of directors candidates. There are two open board seats this year, the contractor sector and the general sector. We have a new opportunity this year to learn more about the candidates with our ["Ask the Candidate"](#) form. Simply submit a question, and IGSHPA staff will reach out to each of the candidates for their answers. Q&A will be posted on the ["Candidates"](#) page. One of the many advantages of being an IGSHPA member is the ability to vote in the election. If you have IGSHPA certification, but are not a member, we have [special pricing for certified individuals](#). Business and corporate members have multiple voting members, depending upon membership level. Check out <https://igshpa.org/membership/> for more details. If you are an individual, business, or corporate member, you are eligible to vote in the board of directors election. If you are a current IGSHPA member and you have not received an e-mail about voting for candidates, please contact us right away at [info@igshpa.org](mailto:info@igshpa.org).

Finally, our Annual General Meeting (AGM) of Members was announced earlier in the month. This year, the AGM will be December 6, 2022, at 3:30pm Pacific Time at the Las Vegas Convention Center, combined rooms N209 to N212 in the North Hall. Results from the board of directors election will be announced, as well as updates on the organization over the past year. I look

forward to reconnecting in just over a month!

Thanks for your support of IGSHPA!

Sincerely,

Jeff Hammond

Executive Director

[jeff@igshpa.org](mailto:jeff@igshpa.org)

## Update from GeoExchange

Following the enactment of the Inflation Reduction Act, support for geothermal heat pumps is growing rapidly. We're witnessing an explosion of new interest in the technology and GeoExchange has been inundated with inquiries from diverse stakeholders asking to be educated. One organization that has shown recent attention to geothermal is the [Western Governors' Association](#). This group, which represents all states west of the Mississippi River, is currently led by Colorado Governor Jared Polis and has recently kicked off their Heat Beneath Our Feet campaign.

The campaign is focused on harnessing the potential of both high-temperature geothermal energy production and geothermal heating and cooling systems. GeoExchange wants the geothermal heat pump industry's voices heard and our benefits clearly understood by Governor Polis and other leaders in this initiative. WGA has a survey online to take feedback and we urge you to complete it. You can access the survey at this link:

<https://westgov.org/news/article/the-heat-beneath-our-feet-initiative-survey>

To learn more about the initiative click [here](#). Please step up and make sure we have a seat at the table and a voice in the conversation. And reach out with any questions on this topic, thanks!

## Industry News

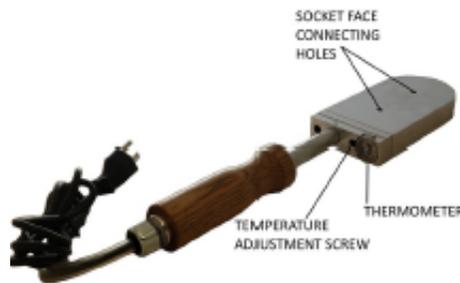
### **New Fusion Tool Manufacturer in the United States**

**Bedford, Indiana, USA, October 21, 2022** – Geo-Flo Corporation announced today that it has acquired the geothermal fusion tools business from CB Supplies Ltd, Surrey, BC Canada, (formerly Vanguard Pipe and Fittings Ltd). CB Supplies had been manufacturing and supplying socket fusion heating irons, socket fusion adapters, chamfer tools, cold ring pliers, along with other tools and fittings to the geothermal industry for over 20 years. Geo-Flo has been producing flow centers, pump systems, hose kits, and specialty fittings for the geothermal industry for over 34 years. Geo-Flo President, Tom Wyer, said “We are excited that these high-quality rugged tools will continue to be manufactured in North America by our skilled and dedicated employees”. Geo-Flo’s facility includes advanced software, CNC machines, and other tooling they use to design and produce equipment for the water-source, geothermal, and hydronics industries. Wyer added “We’ve created custom fusion tools for the manufacture of our own products so producing standard fusion tools is a natural progression for us.” Geo-Flo will begin manufacturing these tools in their Bedford, Indiana plant this year. They will also offer fusion iron repair kits and a refurbishment service for those with existing tools. A complete list of socket fusion tools and accessories with a cross reference to CB Supplies’ part numbers is available on Geo-Flo’s website (<https://www.geo-flo.com/fusion-tools/>).

Geo-Flo’s cold ring pliers are color coated to enable quick recognition of the pipe size allowing more experienced installers to train less experienced staff (“...hand me the red cold rings”). Geo-Flo plans to match the chamfer tools’ colors to the cold ring pliers making installations even easier.



Geo-Flo's fusion irons are available in single face and double face, and feature a simple, rugged, proven design.



## Countdown to the Annual Conference! Earlybird Registration Ends Nov. 4th

Be sure to check out the IGSHPA website for all things Conference. Our [Conference Page](#) has the info you need from the conference schedule & Program Guide to exhibitors and booth layouts. Our room block at the Westgate is completely sold out (2 weeks early), but NGWA is working to secure additional rooms at a new property. We will update the Conference Page on our website once a new block has opened up.

## Thank You Conference Sponsors!

### Diamond Sponsor



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See you in Las Vegas in December!

## ASHRAE's Kirk T. Mescher Award

Many of you worked with Kirk Mescher over the years. He developed the one pipe distribution system for GSHP systems and extended its application from individual buildings to campus scale. His GSHP designs consistently achieved DOE scores in the 90's percentile. Active in ASHRAE at all levels, he achieved Fellow status, Distinguished Service, Exceptional Service, served as chair of the Society Program Committee, Conferences Committee, TC 5.5 (Air-to-Air Heat Recovery), was a member of TC 6.8, and served as an ASHRAE Distinguished Lecturer. He was Vice Chair of the ANSI/CSA/IGSHPA C448-2016 Standard, *Design and installation of ground source heat pump systems for commercial and residential buildings*.

IGSHPA would like to recognize ASHRAE's Kirk T. Mescher Award and provide information to members interested in applying. Applicants should have an idea in GSHP, HVAC, or energy efficiency that is simple and elegant, and should want to put that idea to the test. ASHRAE Members applications will be accepted until December 9, 2022. For the application and more information, go to: <https://tpc.ashrae.org/CustomPages?idx=17912dd3-591c-402d-af3a-1bba04205877>.

## Virtual Town Halls



Last month we heard about the updates that are coming to the ANSI/CSA/IGSHPA/C-448 Bi-National Standard from IGSHPA Executive Director, Jeff Hammond. If you missed this presentation, you can find it [here](#) on our YouTube page.

On November 9 at 11:30 am ET, Gaylord Olson & Yao Yu will be presenting ***Low Cost Multi-Source Heat Pump System Design and Simulation- Using water source heat pumps with better heat exchange methods for the source water.***

Gaylord Olson is an independent consultant and inventor with engineering degrees from South Dakota School of Mines and Technology and UCLA. He is a member of the Industrial Advisory Committee for Mechanical Engineering at Temple University in Philadelphia. He is the inventor or co-inventor of 12 patents with several recent patents related to multi-source heat pumps, underground thermal energy storage and solar thermal energy collection. He is a member of the International Ground Source Heat Pump Association, NY-Geo, ASHRAE, the American Solar Energy Society, and the Northeast Sustainable Energy Association.

Dr. Yao Yu has more than 10 years of experience in building energy modeling and simulation. He is a LEED Accredited Professional and an ASHRAE Building Energy Modeling Professional (BEMP).

Currently, Dr. Yu is working as an assistant professor in the Department of Civil, Construction and Environmental Engineering at North Dakota State University. Dr. Yao Yu's research interests include building energy management and conservation, solar thermal energy collection, geothermal heat pump system, underground thermal energy storage, and computational airflow modeling.

To register for this Town Hall go [here](#).

Please submit recommendations for topics that you would like to learn more about or an abstract of a topic that you would like to present to [info@igspha.org](mailto:info@igspha.org).



## More News and Events

**November 5- December 8: Accredited Installer Hybrid Course with Option to Complete In-Person at Conference-** Get AI certified online through Heatspring with Ryan Carda. This

course is offered as a hybrid solution – with the majority offered in an online learning environment with the last day in-person at the 2022 IGSHPA Conference in Las Vegas, NV. You also receive the full online course, so you can start early or continue learning after the conference. To register & get more info go [here](#)

**November 9 @ 11:30 ET: IGSHPA Town Hall-** Gaylord Olson & Yao Yu: *Low Cost Multi-Source Heat Pump System Design and Simulation- Using water source heat pumps with better heat exchange methods for the source water.* Register [here](#).

**December 2,3 & 8: Certified Geothermal Inspector Hybrid Training with Option to Complete In-Person at Conference-** This course is offered as a hybrid solution – with the first two classes offered in an online learning environment and the last day in-person at the 2022 IGSHPA Conference in Las Vegas, NV.

Designed for the code enforcing inspectors of city and state governments, this course will teach you to inspect the ground source heat pump (GSHP) systems of both residential and commercial properties. Register [here](#).

**December 6-8, 2022: IGSHPA Annual Conference:** Las Vegas Convention Center, 3150 Paradise Rd, Las Vegas, NV 89109 For more info & to register go [here](#).

**Do you have an industry event that we should know about? Submit your event to [info@igshpa.org](mailto:info@igshpa.org) and we will add it to the Events Page on our website and highlight it in our next Monthly Newsletter.**

**Our mailing address is:**

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