2017 IL Geothermal Conference
Par-A-Dice Hotel and Conference Center, East Peoria
March 27-29, 2017

**Monday, March 27**

9 am  Registration Opens

10 am-4:30pm  Pre-Conference training

12:30-3:30 pm  Health Department Professionals/Loop Installers seminar

1-4 pm  Vendor Setup

4:30-6:30 pm  Sponsor’s mini-reception

**Training tracks for Concurrent Sessions**

- **C**  Contractor Dealers
- **U**  Utility Personnel
- **D**  Drillers/Loop Installers
- **EA**  Engineers, Architects and System Designers

**Tuesday, March 28**

8 am  Registration Opens

8:30 am  Vendor Show Opens

9:45 am  Welcome on the Trade Show Floor

10 am  **Concurrent Sessions – I**

- **C**  Troubleshooting Basics, Jeff Hurst, Connor Co.
- **C**  How to Assemble Sales with a Marketing Machine, Jeremy Lang, Enertech Geothermal and Kirsten Lang, Rabe Hardware
- **D**  Advances in Grouting, Orlando Smith, Baroid
- **EA**  Geothermal Heat Pumps for Energy Recycling in District Buildings, Matt Slager, Hanson Professional Services
Panel – Utility and Contractor collaboratives (tent), moderated by Dana Smith, Rural Electric Convenience Cooperative.

1115 am Concurrent Sessions – II
C Duct Design, (tent)
C, U Panel - Life Ahead, with or Without Tax Incentives, moderated by Doug Dougherty, GEO
  Fred Newell, WaterFurnace; Ed Davis, Enertech Geothermal, Dave Buss, Connor Co., and Richard Hiles, Carrier.
EA Using Wastewater for Geothermal heat transfer, Rick Lawlor, IWS
D Advances in Drilling Technology, Phillip Beffa, Preferred Pump

1230 pm GAOI Leaders Luncheon and Annual Meeting
Lunch
Business Meeting and Election
Top Job finalists – moderators, Chad Mayes, GAOI President and Dan Couillard, Vice President

3-345 pm Break – vendor show floor
345 pm Concurrent Sessions – III
C Design/Installation of Hydronic Geothermal systems – Pt 1, Brian Urlaub, Enertech Geothermal
C Importance of Considering System Efficiencies for Large Residential and Light Commercial Applications, Greg Kurtz, Geo-Flo
D, EA Case Study of the ASHRAE Headquarters Facility, Dr. Jeff Spitler, Oklahoma State University (Sponsored by Connor Co.)
U Successful Geothermal promotion over the long haul, Mark Boyer, Three Rivers Electric Cooperative, Linn, MO

5 pm - ? Sponsor and Vendor Reception

Wednesday, March 29
8 am Vendor Show reopens – Continental breakfast
945 am Concurrent Sessions – IV
C Design/Installation of Hydronic Geothermal systems – Pt 2, Brian Urlaub, Enertech Geothermal
C-D Have you been Denied Warranty on your Geothermal Loop Pumps because of water quality issues? Here’s why. Dan Slater, Fernox
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<tr>
<th>Time</th>
<th>Session Description</th>
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<td>Direct Return Header Design case study, Joe Fehrenbacher, Hanson Professional Services</td>
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<td>Panel – Utility and Contractor Collaboratives – programs designed to make Geo the First Choice, moderated by John Scott, Jo Carroll Energy Cooperative</td>
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<td>Jacob Stoll, ComEd; Mike Hameister, L&amp;H Services; Brian Houchin, Bratcher Heating and A/C; Blake Kleaving, Corn Belt Energy</td>
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<td>11 am</td>
<td>Concurrent Sessions – V</td>
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<td>C</td>
<td>Retrofitting Basics – The top 10 things a new tech needs to know, Jeff Hurst, Connor Co.</td>
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<td>Wetter isn’t Better – controlling humidity, Brian Kumer, Thermal Imaging Systems</td>
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<td>EA</td>
<td>Case Study – Unity Temple, Mark Nussbaum, Architectural Consulting Engineers</td>
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<td>U</td>
<td>Introducing people interested in Wind and Solar to Geothermal, Bob Dickey, Eastern Illini Electric Cooperative, and John Freitag, GAOI</td>
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<td>1215</td>
<td>Closing Lunch</td>
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<td>GEO. Be seen, Be Heard and Be Consistent, Doug Dougherty, Geothermal Exchange Organization</td>
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<td>130 pm</td>
<td>Trade Show closes</td>
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<td>145 pm</td>
<td>GAOI Certification Exams</td>
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