



Agenda for Fourth Annual Illinois Geothermal Conference

March 10-12, 2014 Doubletree Hotel and Conference Center, Bloomington

Monday, March 10

- 9 am Registration Opens
10 am ***Load Calculation/System Sizing with Room-By-Room and Whole House Duct Design... and Duct Pressure Testing***
Jerry Faw, Adtek
Brian Kumer, Thermal Imaging Services
Jeff Hurst, Connor Co.
1 pm Vendor Setup for Trade Show
6 pm Pre-Conference Reception/Trade Show Floor

Tracks

- E/A – Engineers/Architects**
U – Utilities
C/D – Contractors Dealers
D/L – Drillers

Tuesday, March 11

- 8 am Registration Opens
9 am Trade Show Opens
9:45 am Welcome – Trade Show Floor
10 am Break-out Session I
- E/A** ***Benefits of Geothermal for Engineers and Architects***
Kirk Mescher, CM Engineering
Matt Slager, Hanson Professional Services
John Freitag, GAOI
- U** ***It's all About Payback***
Paul Bony, ClimateMaster
- C/D** ***Geothermal Radiant Heat Applications***
Brian Urlaub, Enertech Geothermal
- C/D** ***TXV Theory and Fundamentals***
John Haug, Emerson Climate Technologies
- D/L** ***Proper Bit Selection for the Geology***
Kevin Christensen, Palmer Bit Co.

1115 am	Break-out Session II		
		E/A	Successful Commercial Geothermal Case Studies Ed Lohrenz, GEOptimize, Inc.
		U	The Case for Electric Utility Geothermal Programs Paul Bony, ClimateMaster
		C/D	Geothermal Troubleshooting Jeff Hurst, Connor Co.
		C/D	How Technology Can Affect Your Business and Make It Grow Sam Flanery, Building Science Energy Services
		D/L	Illinois Vertical Loop Regulation Update Dave Johnson, IL Department of Public Health
1230 pm	GAOI Leaders' Luncheon		
	Guest Speaker		Doug Dougherty, President Geothermal Exchange Organization (GEO)
	Accreditation Recognition Awards		
2 pm	Break-out Session III		
		E/A	Untrained Operators Can Destroy a Great Geothermal System; CGD Certification Ed Lohrenz, GEOptimize
		U	Geothermal in a Dual Fuel Application Jeff Hurst, Connor Co.
		C/D	New Technologies that are Increasing Geothermal System Efficiencies Jeff Hammond, Geo-Flo
		C/D	Contractors and Illinois Home Performance Mark Milby, Midwest Energy Efficiency Alliance Korey Hart, Ameren ActOnEnergy
		D/L	Grouting ... Six or Half a Dozen Ways to Fill a Hole Jim Piasecki, CETCO
315 pm	Break-out Session IV		
		E/A	Net Zero Energy Walgreens and Geothermal Technology Dan Couillard, GI Energy
		U	The Promise of Smart Thermostats Ben Cisneros, Ecobee
		C/D	Understanding Electric Utility Programs Kevin Johnson, Ameren ActOnEnergy Don Taylor, Corn Belt Energy Corporation Gary Hurley, Springfield CWLP
		C/D	Whose Fault Is It? Jeff Hurst, Connor Co. Dominique Durbin, Durbin Geothermal
		D/L	Light Commercial Loop Field Design - Without an On-Board Engineer Dave Henrich, Thermal Dynamics, Ground Loop Design
430 pm	GAOI Annual Meeting		
530-8 pm	Vendor Reception – Trade Show Floor		

Wednesday, March 12

8 am Trade Show Opens

945 am Break-out Session V

E/A **Commercial Geothermal Sizing**

David Henrich, Thermal Dynamics, Ground Loop Design

U & C/D **Challenges, Issues and Potential for the Geothermal Industry**

Steve Smith, Energetech Geothermal

Fred Newell, WaterFurnace Int.

Richard Hiles, ClimateMaster

C/D **Home Performance Partnering and Lead Generation**

Sam Flanery, Building Science Energy Services

D/L **IL Dept. of Public Health Loop Installer Exam/Introduction**

Kirk Mescher, CM Engineering

Exam will be proctored by volunteers who serve on the IDPH Closed Loop Board

11 am Break-out Session VI

E/A **Geothermal with VRF**

Matt Slager, Hanson Professional Services

U & C/D **Consider the Entire Package ... HVAC and Thermal Boundary as One System**

Brian Kumer, Thermal Imaging Services

C/D **Pumping Applications for Large Residential/Light Commercial Geothermal Installations**

Jeff Hammond, Geo-Flo

12 pm Lunch

130 pm Trade Show Closes

130-2 pm GAOI Certification Exam Review Session, Registration

2 pm GAOI Certification Exams