



VERKSAMHETSBERÄTTELSE 2018

IGSHPA är en sammanslutning av företag, branschfolk och användare som arbetar för teknisk och vetenskaplig utveckling, nytta och användning av bergvärmepumpsteknik. IGSHPA Sweden utför sitt uppdrag i enlighet med IGSHPA HQ syfte.

Styrelse



Styrelseordförande:
Ledamöter:

Dominika Rydel
Jonas Jansson
José Acuna
Monika Ignatowicz
Tony Jernström
Bo Jansson
Björn Palm

Avanti System AB
Stures Brunnsborrningar AB
KTH Energiteknik/Bengt Dahlgren Geoenergi
KTH Energiteknik
HP Borrningar AB
Stures Brunnsborrningar AB
KTH Energiteknik

Kansli: Officers/Advisors

President	Dominika Rydel
Treasurer	Jonas Jansson
Administrator	Monika Ignatowicz
Academic Advisor	José Acuna
	Hatef Madani
Industrial Advisor	Tony Jernström

Ekonomi

(tkr)	Omsättning	Resultat	
2018	186 043	148 264	(exkl. konferens konto på KTH som stängts)

Medlemmar

Under 2015 startades IGSHPA Sweden upp av 5 medlemmar.

Under 2016 hade IGSHPA Sweden 45 medlemmar.

Under 2017 hade IGSHPA Sweden 50 medlemmar.

Under 2018 hade IGSHPA Sweden 52 medlemmar.

Huvudpartners:



Sponsring av IGSHPA Sweden Chapter:



Sponsring vid IGSHPA Research Track:

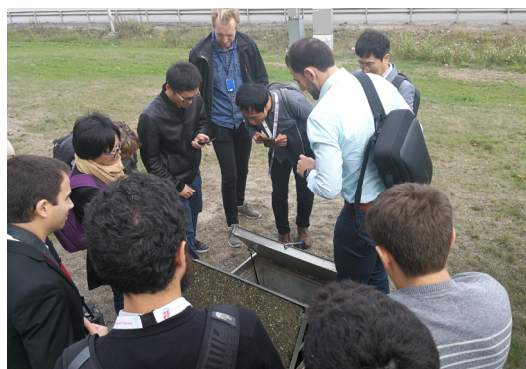


Medverkan vid mässor/konferenser

- Medverkan IGSHPA Conference, Orlando, USA, 27-29 mars 2018
- Presentation vid forskningskommitté, IGSHPA Conference
- Deltagande vid Mötet för International Chapters Committé, IGSHPA Conference

-IGSHPA Research Track, Stockholm, Sverige (KTH-Campus), 18-19 september 2018





-Samarbete vid seminarium om nya forskningsprojekt "Termiska Energilager och Rockstore" + Studiebesök, Stockholm, 20 september 2018 (i samarbete med Energiforsk, NTNU och Christian Michelsen Research)



-Presentation om återfyllning av borrhål samt deltagande vid middag. Brunnsborrhordagen 2018, Wenngarns Slott, Sigtuna, Sverige, 20-21 september 2018



-Svenska Kyl & Värmepumpdagen, Älvsjö, 12 oktober 2018.

Medverkan i media/annonsering

GeoOutlook, Vol 15, No. 1, IGSHPA Chapter Updates

GeoOutlook, Vol 15, No. 2, Annonsering IGSHPA Research Track 2018

GeoOutlook, Vol 15, No. 3, Annonsering IGSHPA Research Track 2018

GeoOutlook, Vol 15, No. 4, IGSHPA Chapter Updates



IGSHPA Sweden

KTH hosted the 2nd IGSHPA Research Conference as part of a week full of ground source-related events. The research conference took place September 18 and 19. Two parallel sessions were held, where researchers from around the world presented their latest results, along with keynote speeches about the history of ground source heat pump research by Palle Mogensen, Johan Claesson and Björn Palm. Presentations by the conference gold and silver sponsors (SENS, AVANTI, NIBE) were held during the lunches and a cocktail served in KTH's actor hall 25 meters under the ground's surface. The event was also sponsored by Muovitech, Thermia and Bengt Dahlgren.

The research presentations covered subjects such as groundwater heat pump systems, modeling of borehole heat exchangers, thermal response tests, energy piles, laboratory set ups, borehole measurements, ground thermal properties, among others.

Sixteen countries were represented by more than 90 participants. A total of 48 scientific articles were written and are now available in a conference proceedings book. The proceedings are available at <https://igshpa.org/2018/research-conference-sweden/>

On September 20, a workshop with 96 participants from the academy and industry was held at KTH in cooperation with Energiforsk and Christian Michelsen Research. The theme of the workshop was "The Future District Heating System with Ground Thermal Energy Storage". The day closed with technical tours to three ground source heat pump installations and the driller's dinner in cooperation with the Swedish Avanti-Drillers Association.



Attendees of the 2018 IGSHPA Research Conference. Photo courtesy of IGSHPA Sweden.



From L to R: Dominique Durbin, Monika Ignatowicz, Erin Portman and Maria Letizia Fasci worked the IGSHPA Sweden booth during Driller's Day. Photo courtesy of Erin Portman.

Verksamhetsberättelse Avanti 2018 (presenterad 2019)

Facebook: IGSHPASweden

facebook



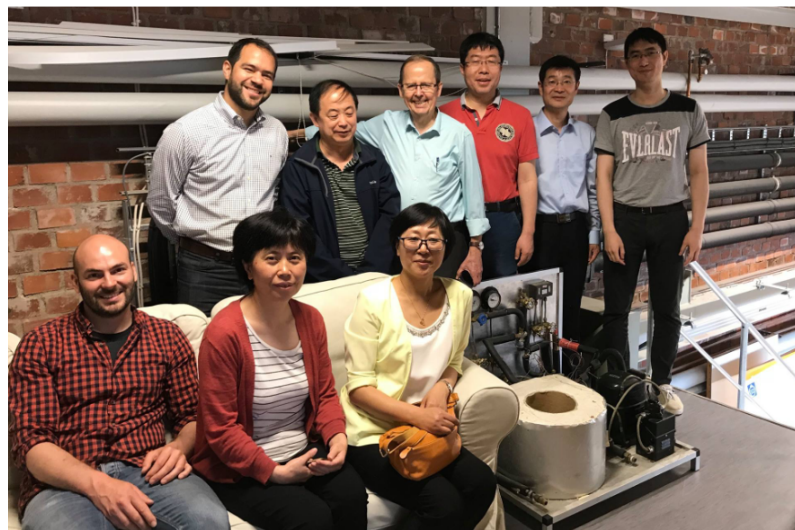
Hemsida: www.igshpasweden.com ; www.igshpa.com

Medlemsmöten/Publikationer/kurser/föreläsningar

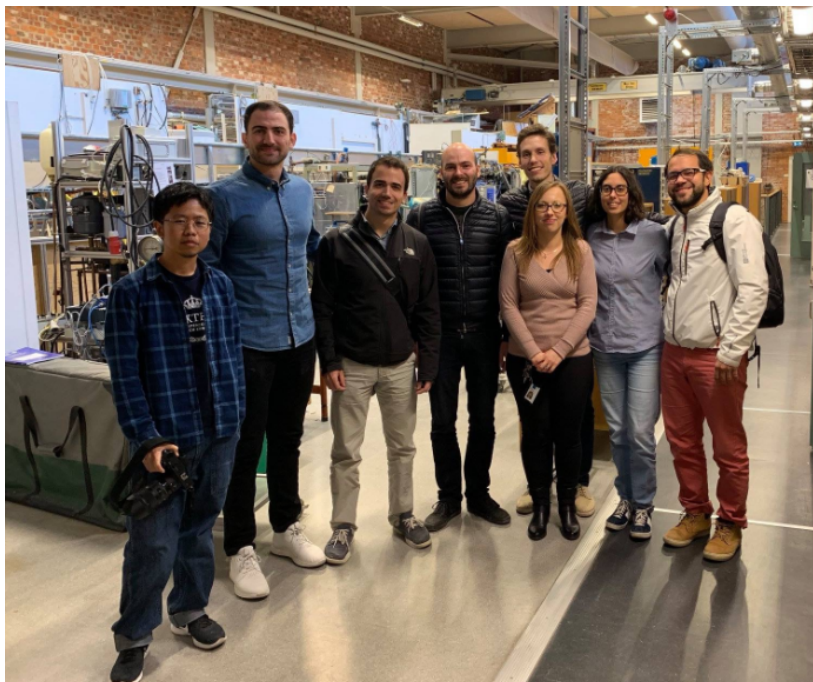
-Deltagande vid Patricia Monzos doktorsdisputaion “Modelling and monitoring thermal respons of the ground in borehole fields”, Stockholm, 23 februari 2018.

-Stämman, Stockholm KTH, 4 juni 2018.

-Möte med IGSHPA CHINA från Shandong Jianzhu university Stockholm, 16 juni 2018.



-Workshop med Dr. Massimo Cimmino, Simuleringsvertyg för borrhålsfält, Stockholm, 2 oktober 2018.



-Besök till IGSHPA HQ, Stillwater, USA, 16 november 2018.



Projekt/ samarbeten

Samarbete etablerat och har utvecklats med NGWA, IGSHPA China och IGSHPA Canada

Övrigt

Två styrelsemöten

Flertalet planeringsmöten inför IGSHPA Research Track med konferenskommitté

Flertalet möten inför Research Track med IGSHPA HQ