

Welcome to the SMU Geothermal Lab newsletter for February. There is now a section for Geothermal Heat Pump News, which will be included as we have news to share. Other items this month are links on the North Texas earthquakes, a job opening, and funding opportunities including student scholarships. Speakers – submit your abstracts for our upcoming conference due February 16, 2015.

### SMU Geothermal Laboratory Notes

**Sponsors, speakers and attendees** are all welcome for our @SMU. Less than 2 weeks left to submit an abstract for an oral or poster

presentation.

Abstracts are due by **February 16, 2015**. Guidelines are available at <http://www.smu.edu/Dedman/Academics/Programs/GeothermalLab/Conference/CallForAbstracts>.

**Sponsorship.** Levels begin at \$1000 or become to Gold at \$7500. More information: <http://www.smu.edu/Dedman/Academics/Programs/GeothermalLab/Conference/Sponsorship>.

**Attendees.**

## Congratulations

*Congratulations and Thank You* to **Russel Smith** on his many years as Executive Director of the Texas Renewable Energy Industries Association. Good luck on your next endeavors. More information:

[http://www.treia.org/assets/2015/treiaresignationletter\\_steppingasideafter35years\\_rsmith\\_jan.2015.pdf](http://www.treia.org/assets/2015/treiaresignationletter_steppingasideafter35years_rsmith_jan.2015.pdf).

*Congratulations* to Geothermal Technologies Office Director **Doug Hollett** on his promotion to Deputy Assistant Secretary for Renewable Power. More information:

[http://energy.gov/eere/geothermal/articles/hollett\\_takes\\_renewable\\_power](http://energy.gov/eere/geothermal/articles/hollett_takes_renewable_power).

*Congratulations* to **Helidyne** on the sale of their first off shore power generation equipment to Pemex

[http://helidynepower.com/images/Helidyne\\_Press\\_Release\\_8\\_25\\_14.pdf](http://helidynepower.com/images/Helidyne_Press_Release_8_25_14.pdf) and for completion of their test stand at the St. George City Red Rock generating facility [http://helidynepower.com/images/Helidyne\\_Press\\_Release\\_10\\_7\\_14.pdf](http://helidynepower.com/images/Helidyne_Press_Release_10_7_14.pdf).

*Congratulations* to **Roland Horne, Kewen Li, and Joleen Palacios Castro** and the **Stanford Geothermal Program** students on an exceptional Stanford Geothermal

site at <https://edx.netl.doe.gov/> or watch a video to learn about the program at <https://edx.netl.doe.gov/about>. Thanks for the suggestion.

Looking for an unused, if not exactly new, turbine? A WWII Destroyer era **CL55 Low Pressure Turbine** manufactured by GE is immediately available, preferably as a donation to a non profit organization, but other options will be entertained. The unit is approximately 8' x 12'. Shipping from the Houston area to the new site is not included. Interested parties may inquire through Robert Kropacek at 775 284 2461.

Email [geothermal@smu.edu](mailto:geothermal@smu.edu) if you have an item you would like added to the wish list, or a response to a previous wish list item.

### Geothermal Heat Pump News

**Geothermal Exchange Organization** (GEO) has details on a study comparing the efficiency of Geothermal Heat Pumps versus Variable Refrigerant Flow heating and cooling systems. More information: [https://www.geoexchange.org/news/scientific\\_research\\_shows\\_geothermal\\_heat\\_pumps\\_outperform\\_vrf\\_heating\\_cooling/](https://www.geoexchange.org/news/scientific_research_shows_geothermal_heat_pumps_outperform_vrf_heating_cooling/).

Visit the updated **Heat Pumps** section of the SMU Geothermal Lab website at <http://www.smu.edu/Dedman/Academics/Programs/GeothermalLab/HeatPumps>.

Send your Geothermal Heat Pump news items to [geothermal@smu.edu](mailto:geothermal@smu.edu) for inclusion in our next newsletter.

### Event Details

The **Geothermal Resources Council** has issued a **Call for Papers** for their 2015 Meeting to be held in Reno, Nevada on September 20-23, 2015. Draft papers

**March 16 18, 2015** **Third Annual Conference for the Development and Utilization of Geothermal Energy**, Beijing, China. For more details contact Kewen Li at [kewenli@stanford.edu](mailto:kewenli@stanford.edu).

**April 11 14, 2015** **2015 Southwest Section of the AAPG Annual Convention**, Wichita Falls, Texas. More information: [http://www.ntgeologicalsociety.org/2015\\_southwest\\_section\\_of\\_aapg\\_convention/](http://www.ntgeologicalsociety.org/2015_southwest_section_of_aapg_convention/).

**April 19 24, 2015** – **World Geothermal Congress**, Melbourne, Australia. More information: <http://wgc2015.com.au/>

**May 11 15, 2015** **Geothermal**