



Welcome to the SMU Geothermal Lab newsletter for October. This month's news includes our fundraising campaign, three funding opportunities, a live Twitter chat, an update on the st1 Deep Heat project and lots of upcoming events.

### SMU Geothermal Laboratory Notes

The SMU Research team of **Dr. Matt Hornbach**, **Madie Jones** and **Casey Brokaw** are back from a successful trip to the Beaufort Sea collecting heat flow and chirp data. You can read about their research and see photos of their adventures on our blog at

<https://blog.smu.edu/geothermallab/2016/10/04/smu-researchers-return-to-dallas/>.

### Fundraising Campaign

Following the retirement of Dave Blackwell, our funding structure has changed and we have launched a **fundraising campaign** to support the SMU Geothermal Lab's public education and outreach activities. Tax-deductible donations are gratefully accepted at <https://sites.smu.edu/apps/giving/Geothermal.asp>. Thank you!

### Thank You

Thank you very much to **Google** for their generous **donation** to the SMU Geothermal Lab. We will be using the funds to support our outreach and to respond to public information requests about our heat flow and geothermal data and maps. Thanks Google!

### Opportunity for Funding

Got lots of good ideas? The federal government has an entire website of technical, scientific and creative challenges with prize money. More information: <https://www.challenge.gov/list/>.

The DOE **Small Business Voucher (SBV)** Program is looking for applicants for round three of **funding**. This program lets small businesses gain access to expertise and tools at national labs. Josh Mengers of GTO will answer questions on the program at the GRC Annual Meeting & GEA GEOEXPO+ in Sacramento, CA, October 23-26, 2016, [joshua.mengers@ee.doe.gov](mailto:joshua.mengers@ee.doe.gov). Applications due **November 10, 2016**. More information: <https://www.sbv.org/>.

The **Geothermal Technologies Office** has announced **FY17 EGS Lab Call** with the \$9M multi-year EGS Collab Initiative. The EGS Collab will provide the opportunity for reservoir model prediction and validation. GTO information: <http://energy.gov/eere/geothermal/geothermal-energy-us-department-energy>.

## Geothermal News and Notes

**Remi Eriksen**, CEO of DNV GL, led a presentation on “**The Future of Spaceship Earth**” at the United Nations in New York. The presentation is available for download at <https://www.dnvgl.com/technology-innovation/spaceship-earth/index.html>.

US DOE Southwest **Combined Heat and Power** Technical Assistance Partnership (CHP TAP) has a new LinkedIn page which provides **updates** on the program. More information: [https://www.linkedin.com/company/us-doe-southwest-combined-heat-and-power-tap?trk=company\\_logo](https://www.linkedin.com/company/us-doe-southwest-combined-heat-and-power-tap?trk=company_logo).

**Peter Malin** of ASIR reports drilling of the 2 main boreholes of the **st1 Deep Heat** project in Finland has now reached ~3 km. Project information: <https://translate.google.com/translate?hl=en&sl=fi&u=http://www.st1.fi/deepheat&prev=search>.

## Geothermal Heat Pump News and Notes

IGSHPA has created **instructional videos** on using their **community portal IGSHPA Connect**. The videos are available at [https://www.youtube.com/playlist?list=PLLios2Ypt9Re0-kHX\\_tHEXmvT5HnwGvRI](https://www.youtube.com/playlist?list=PLLios2Ypt9Re0-kHX_tHEXmvT5HnwGvRI). IGSHPA Connect is available at <http://connect.igshpa.org/home>.

## Other Event Details

**Renewable Energy World** will be hosting a **live Twitter chat** on Distributed Energy Resources (DER) on Tuesday **October 18, 2016** from 11:00 a.m. – 12:00 p.m. EDT. Join in via **#REWchat**. **Maria Richards** will be attending the Distributed Energy Resources session at REW PowerGen December 13-15, 2016 in Orlando, Florida. Conference information: <http://www.rewintl.com/index.html>.

Maria says – see you at the **GRC Annual Meeting – GEAPO+** event in Sacramento! October 21-26. Registration is available through <http://www.geothermal.org/>.

**Save the Date** for the **Energy and Materials Research Conference EMR2017** in Lisbon, Portugal **April 5-7, 2017**. More information: <http://emr2017.org/>.

## Calendar

**October 16-21, 2016 - SEG Annual Meeting**, Dallas, Texas. More information: <http://seg.org/Events/Annual-Meeting>.

**October 18, 2016** – REW live **Twitter chat** on Distributed Energy Resources via **#REWchat**, 11 am to 12 noon EDT.

**October 22-23, 2016 - Earth Wind and Fire Energy Summit**, Addison, Texas. More information: <http://earthwindfiresummit.org/>.

**October 23-26, 2016 - GRC Annual Meeting & GEA GEOEXPO+**, Sacramento, California. More information: <http://www.geothermal.org/> and <http://geothermalexpo.org/>.

**October 25, 2016 - Direct Use Networking Event**, Sacramento, California. More information: <http://iea-gia.org/international-direct-use-networking-event/>.

**November 9-11, 2016** - TREIA's **GridNEXT** conference, Georgetown, Texas. Book your hotel by October 14, 2016 to take advantage of the discount **hotel** block rate. Use the **registration** code GRID16 to receive 10% off your conference pass. More information: <http://www.treia.org/conference/>.

**November 23-25, 2016 - 38<sup>th</sup> New Zealand Geothermal Workshop**, Auckland, New Zealand. More information: <http://www.geothermalworkshop.co.nz/>.

**December 6-8, 2016 - Groundwater Week**, Las Vegas, Nevada. More information: <http://groundwaterweek.com/>.

**December 13-15, 2016 – Power-Gen – Renewable Energy World International**, Orlando, Florida. More information: <http://www.rewintl.com/index.html>.

**December 19-21, 2016 - Clean Air Through Energy Efficiency (CATEE) Conference**, San Antonio, Texas. More information: <http://catee.tamu.edu/home>.

**February 13-14, 2017 - Stanford Geothermal Workshop**, Stanford, California. More information: <https://pangea.stanford.edu/researchgroups/geothermal/stanford-geothermal-workshop>. **Abstracts are due Oct 18<sup>th</sup>**.

**April 5-7, 2017 - EMR2017** in Lisbon, Portugal. More information: <http://emr2017.org/>.

**April 13-14, 2017 - NREL Industry Growth Forum**, Denver, Colorado. More information: <http://www.nrelforum.com/Home>.