



# 12 FINALISTS FOR THE SHALE GAS INNOVATION CONTEST

The Shale Gas Innovation & Commercialization Center has chosen twelve finalists from this year's Innovation Contest to compete for a total of \$75,000 in prize money. Please join us from 1:00 PM – 4:30 PM on Tuesday, May 7<sup>th</sup>, 2013 at the Hilton Garden Inn in Southpointe, PA for the presentations.

Dr Engelder is a well-known expert on the Marcellus Shale, and one of the first to recognize its true potential. Dr Engelder made the first public estimate of potential reserves in December 2007. A reception will follow in the exhibits hall, with all the presenters.

You can register for this FREE event by going to:  
[www.sgicc.org/75000-shale-gas-innovation-contest.html](http://www.sgicc.org/75000-shale-gas-innovation-contest.html)

This year's contest was co-sponsored by the Ben Franklin Technology Partners ([www.benfranklin.org](http://www.benfranklin.org)), ANGA ([www.anga.us](http://www.anga.us)), Acorn Energy ([www.acornenergy.com](http://www.acornenergy.com)), Cabot Oil & Gas Corporation ([www.cabotog.com](http://www.cabotog.com)), CONSOL Energy ([www.consolenergy.com](http://www.consolenergy.com)), Chesapeake Energy ([www.chk.com](http://www.chk.com)), The Dow Chemical Company ([www.dow.com/](http://www.dow.com/)), First National Bank ([www.fnb-online.com](http://www.fnb-online.com)), Little Pine Resources ([www.littlepineresources.com](http://www.littlepineresources.com)), the Marcellus Shale Coalition ([www.marcelluscoalition.org](http://www.marcelluscoalition.org)), OSCOMP Systems ([www.oscomp-systems.com](http://www.oscomp-systems.com)), and Praxair ([www.praxair.com](http://www.praxair.com)).

## Tuesday, May 7th, 2013

### Event Schedule

#### 1:00 – 1:45 pm Panel Discussion

Industry leaders CONSOL Energy, The Dow Chemical Company, Praxair, and OSCOMP Systems sharing their views regarding innovation.

#### 1:45 – 3:45 pm Finalist Presentations

The 12 finalist presentations.

#### 3:45 – 4:15 pm Andy Martin, VP Best Pumps Works "How to Maximize Sales Using Social Media"

#### 4:15 pm Dr Terry Engelder

Professor of Geosciences at PSU (1) – The Marcellus.

#### 4:30 pm Dr Engelder Winner Presentation

Presentation of \$25,000 checks to 3 winners of the Contest.

#### 4:45 – 6:15 pm Reception in the Exhibit Area

Finalist displays with food and drink. Networking opportunities and additional discussion with the finalists.

### The Finalists

#### Atlantis Technologies

Radial deionization wastewater treatment technology.

#### ATONARP

Real-time natural gas monitoring to quantify the NG composition.

#### CALYX Bioprocess Technologies

Biological technology to upgrade NG syngas to fuels, lubricants and high-value chemicals.

#### Clean Power Resources

Designing and building CNG powered refrigeration systems for mobile transportation (REEFER) applications.

#### KCF Technologies

SmartDiagnostics® system that enables predictive maintenance for rotating machinery.

#### LaserSense

"Robust Laser Interferometer (RLI)" - a laser-based device that measures vibration and acoustic emissions (AE) during drilling operations.

#### Lasers for Innovative Solutions

Laser Ablation Tomography System to vaporize drill cuttings or core layers capturing compositional data.

#### Lewis Environmental

Three step water treatment process which upgrades AMD by removing heavy metals and sulfates.

#### Nittany Laser Technologies

Custom laser cladding tools and services for cladding the inside of O&G piping and equipment.

#### ProChemTech

Electrolytic bromine generator technology to generate biocide on site for use in fracking process.

#### Pyrochem Catalyst

A new catalyst technology for NG conversion to synthesis gas.

#### REV LNG

Supplies mobile LNG fueling stations & small scale mobile plant to convert natural gas to LNG.

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