

The Processor

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2013 PJVA/GPAC Joint Conference - Coming Soon on Oct 23!

Registration for the **October 23rd PJVA/GPAC Joint Conference** is at well over 200! If you have not yet registered, be sure to get your registration in as soon as possible, as space is limited.

This year's conference theme is "**Brave New World: Expanding Markets**", and we have an excellent line up of speakers, spanning three streams, including:

- Alex Epstein, the well-known President and Founder of Center for Industrial Progress, will be delivering two presentations..."How to Convert Fossil Fuel Opponents into Fossil Fuel Supporters" and "Energy Heroes"
- Olympic Luger Alex Gough will share her story of being the first Canadian woman to win multiple world cups in her quest to forge a brave new world for the sport of women's luge
- The business stream will provide an excellent cross-section of topics from "NGL Logistics and Infrastructure" to "The Boiling Frog Dilemma: Saving Canada from Economic Decline" to "CNRL Algae Pilot Project"
- Topics covered under the technical stream will include "Oil Sands Development into the Future", "Veresan's Entrance into the Midstream Gas Processing Business" and "Adding Value to Propane in Alberta"
- The JV Analyst/Admin stream has grown to a full day stream this year and will feature two panel discussions (one on the CO&O Agreement and one on Keeping Your Career Moving Forward), in addition to presentations on effective communication, heavy oil facilities, workplace performance and international negotiations

Special thanks to our platinum conference sponsor, JVMI! Sponsorship opportunities are still available for any organization who is interested.

Please visit the [PJVA website](#) to view the conference program in its entirety, and for online registration.

Annual Flapjack Feast Recap

"GPAC and ISA Calgary Chapter want to thank all the sponsors and attendees for their support of the Annual Flapjack Feast on July 10th. We are also proud to announce \$1160 was raised for a \$580 split between Red Cross AB Flood Relief and winner Chris Armstrong of Spectra Energy. Thanks to Aerotek staff for handling the ticket sales."

GPAC September Luncheon Summary

*"Interpretation & Advancement of Natural Gas & Natural Gas Liquids Analysis" with Derek Fraser,
MAXXAM Analytics*

After experiencing a lengthy delay due to the June floods, GPAC's technical luncheons resumed again in September. Our speaker was Derek Fraser from Maxxam Analytics who presented an overview of the "Advancement of Natural Gas Analysis". The main aim of this presentation was to provide the audience with a general understanding of the impacts of the various analysis systems that are available.

Derek started out by providing a brief overview of the chemical constituents of Natural Gas. This highlighted the various and intricate configurations of the heavier hydrocarbons and helped the entire audience to understand why it can be so difficult to determine the exact make-up of C6's and C7+'s in a given gas sample. Bearing the complex chemical composition of Natural Gas in mind, Derek then led the audience through an overview of the various methodologies used for gas analysis.

Starting with the more conventional technologies such as the Backflush and the Pre-cut methods, Derek led us through the pros and cons of each analysis method. As the technology has improved, gas analysis is now able to give us finer detail of the gas composition and we are able to see exactly what configurations of C6's and C7+'s are found in our samples. Additionally, Derek pointed out that a detailed gas composition analysis means that we are able to determine the actual Gross Heating Value (GHV) of our gas instead of using the default values found in the AER's (ERCB) Directive 17. By using actual GHV's we can more accurately determine the value of the gas stream and therefore achieve economic benefits.

In closing, Derek reviewed some of the challenges that our industry is seeing today. Heavier samples, a need to increase accuracy, and a need to minimize variance were all listed as issues that we are facing. With the advances made in gas composition analysis by companies such as Maxxam Analytics, we are better prepared to address these issues and to optimize the value we recognize from our streams.

Thank you again to Derek Fraser for presenting to our association! We look forward to our next speaker on November 19th.

Call for Speakers and Presentations

Please note GPAC is always looking for speakers and presentations for conferences and technical luncheons. [Click here to submit your ideas.](#)

Upcoming Events

GPAC/PJVA 19th Joint Conference - October 23, 2013

November Technical Presentation - November 19, 2013

Members Only Post Christmas Social - End of January 2014 (Details to Follow)

Curling Funspiel - End of February 2014 (Details to Follow)

Event details will be posted on the [Events Calendar](#) as they become available.

GPA (US) eBrief September 2013



Please [click here](#) to view/download the print version

ISA Calgary November Oktoberfest

Date: November 15, 2013

Time: 4:30 pm

Location: Austrian-Canadian Cultural Centre

Oktoberfest Food, Live Music and ISA Calgary Section Annual Awards Presentation

Please [visit here](#) for more information about this event.

Turner Valley 100th Centennial Celebration - May 2014

The cornerstone of Alberta's early gas and oil industry, Turner Valley Gas Plant is celebrating **100th Centennial event in 2014!** Please [visit here](#) to learn more about Turner Valley.

Join GPAC's LinkedIn and Twitter!

If you are on LinkedIn® and Twitter® we encourage you to join the **Gas Processing Association Canada group** - this will be your one stop shop for information on upcoming GPAC events, for updates on GPAC initiatives and for relevant industry information. Your participation is encouraged.

Click on the following icons to join us today on LinkedIn and Twitter!



(Please note: if you DON'T have a LinkedIn® or Twitter® account, this is a great time to create a profile! Just go to www.linkedin.com or <https://twitter.com/> and follow the prompts to get started.)