

GAS MANAGEMENT SOLUTIONS
PipelineTransporter / TransactionManager / GasStream / GasloadForcaster
PipelineDashboard
Thursday, October 24, 2019

1:00 am to 11:30 am Breakout Session I

(Pine)

GasLoadForcaster, PipelineTransporter, TransactionManager

Digitization of Gas Management Systems

- Applying Machine Learning in Commercial Gas Solutions
- Gas Management Solutions Technology Initiatives

Presenter: Muru Arumugam, Development Manager

Join us for a session on the application of machine learning techniques in commercial gas load forecasting, predictive allocation and inventory projection. In this session you will learn how to create neural network, train it and use it as a predictive tool.

New Message Exchange Protocols (AS4, Web Services)

Presenter: Muru Arumugam, Development Manager

Gain an understanding of the new message exchange protocol EDIG@s using AS4 technology. The audience will learn about the safe and effective way of transmitting nominations using this industry standard. The message exchange implemented for different Energy Identification Codes (EIC) will be also be covered in this session.

1:00 pm to 2:30 pm Breakout Session II

(Pine)

PipelineTransporter, TransactionManager, GasLoadForcaster

The Adaptability of Commercial Gas Solutions in Keeping Up with Changing Market Conditions

Customer Presentation: César Bernal, Commercial Manager of Natural Gas with Fermaca

The shale revolution has changed the game for the natural gas market over the past decade. Learn about some of the pro-active measures that have been implemented in anticipation of the gas market deregulation/liberalization initiatives in some countries and how our Gas Management Solutions suite can quickly adapt to rapidly changing market conditions and regulatory environments.

Gas Commercial Solution – What's New?

Presenter: Martha Rendon, Product Manager

Learn how customers are making the best use of GMS on their gas transmission and distribution system. This session focuses on the improvements that have been made in the most recent releases of the Gas Management Solutions suite.

4:00 pm to 5:30 pm

Breakout Session III

(Azalea IV- V)

PipelineManager & Gas Management Integration

Gas Management Solutions with PipelineManager Integration

- Seamless Integration of Control Room and Enterprise Management for Natural Gas Transmission Systems

Presenter: Clara Johnson, Emerson

Integration of contractual demands satisfaction and operating environments is challenging, and in the natural gas business attention to maximize current capacity and future loads must also be considered from both commercial and operational positions. In this presentation we provide a more in-depth insight into the natural gas transmission customers we have been able to help addressing effectively these challenges.

Implementation of a Predictive Virtual Model (Digital Twin) on TGI Gas Network

Presenter: Omar Efrén Caro Vargas and Jesús Vargas Torres with Transportadora de Gas Internacional (TGI)

Operating a large gas pipeline network requires from the operator the delivery of the contracted quantities with safety, inside contractual parameters, and regulations. Also, the timely handling of daily planned and unplanned situations. In this presentation we will show how the implementation of a virtual model (digital twin) of the gas network, enabled TGI to forecast scenarios and design immediate and precise responses.

FRIDAY OCTOBER 25, 2019

9:00 am to Noon

Advanced Product Exploration and Discussion

(Pine)

TransactionManager, PipelineDashboard, PipelineTransporter, TransactionManager

Workshop and Training (Next Gen – New Functionality, Ad-Hoc Reporting, Dashboard)

Collaborative Team Session: Clara Johnson, Tunde Olagunju, Muru Arumugam

The Gas Management Solutions Suite is being re-architected under a completely new technology stack. Join us for an in-depth look at the next generation of fully integrated and highly scalable solution that is built to support all aspects of your day-to-day commercial operations. This session will also cover the new look and feel and technology roadmap of GMS products.

For more information, contact info.energysolutions@emerson.com