

**Coking.com**  
**CatCracking.com**

**Safety and Reliability  
Seminar, Exhibition and Training**

events organized by



**Leading Sponsors**



# Schedule

## Training

Monday - Tuesday

## Exhibition

Tuesday 5pm - Thursday 7pm

## Conference

Wednesday - Friday

Presentations

Workshops

Breakout Groups

**Galveston April 30 - May 4, 2012**



“The ideas and info during these [Work Groups] were excellent. I saw a common interest in safety and info sharing! When is the next one?!”  
–D.M. Shell Oil Products  
U.S. Martinez Refinery

Come be a part of the increasingly popular Work Groups and Answers Now!™



**Riveting Presentations**



**Free Form Networking Breaks**



**Unparalleled Breakout Sessions**

# Welcome to Galveston 2012

With past attendance surpassing 350 people and 55 exhibitors this conference is a great place to network with peers and learn from some of the most experienced individuals in the industry.

## Keynote Speakers:

**Keith Casey, Plant Manager, BP Texas City**  
"Texas City Revival"

**Dan Harris, Operations Director, Western Refining El Paso**  
"Refinery Operational Safety"

The opening ceremony and speaker will be a combined presentation, after which the Coking and CatCracking groups will attend their own presentations and breakout/work groups. Meals and exhibition time and locations will also be shared providing even more opportunity for cross-unit networking.

**What makes this Conference so popular? Unique features like our acclaimed Work Groups.**

Each Breakout/Work Group is made up of 20 to 30 delegates who explore pre-submitted hot topics. Designated facilitators deliver a 5 minute synopsis of the issue leaving the remainder of time to an open delegate discussion. Depending on the topic, some groups are organized in a specific discipline like Mechanical/Reliability, Operations or Process. Others use a cross-discipline approach.

## Training Courses

**Most Classes Start Monday, April 30**

**Coker** – *Gary Pitman, Evan Hyde:*  
Coker Heavy Oils, Operations, Process and Safety (2 days)  
*Sim Romero:*  
Advanced Coker Process (2 days)

**FCCU** – *Ken Peccatiello:*  
FCCU Operations Fundamentals (2 days)

**Sulfur** – *Noel Vincente:*  
Sulfur Recovery and Claus Plants (2 days)  
SRU Optimization, Tailgas, Simulation and Engineering Responsibilities (3 days)

**Refining** – Integrity Management of Coke Drums and FCCU Vessels, Steam Heating Fundamentals, Pumps Basics

## Featured Panels & Presentations

This year's seminar will feature panel discussions with some of the foremost voices in the refining field. Topics include:

- Automated Coker Valve Interlock Systems
- FCC Interlocks, Controls and Safety Instrumentation Systems
- Remote and Automated Coke Cutting
- Lessons Learned: Drills, Stem, Hoist and Structure Incidents and Reliability

To participate in the panel:

Phone: 360-966-7251

Email: [info@Coking.com](mailto:info@Coking.com) or  
[info@CatCracking.com](mailto:info@CatCracking.com)

## Call for Facilitators

- Give a 5 minute summary on a current issue
- Lead the breakout groups discussions

## Who you will Meet

- Oil & Gas Co. Management
- Oil & Gas Co. Operations
- Process & Technical Experts
- Technology Licensors
- Engineering Contractors
- Equipment Suppliers
- Strategic Planners
- Project Management
- Industry Consultants & Analysts

Join your LinkedIn Group (Coking, CatCracking, SulfurUnit) for regular discussion, news updates, and pre-event networking.

**MORE PRODUCTION – LESS RISK!**

**LinkedIn**

## Speakers & Presentations

### **"Texas City Revival"**

— Keith Casey, Plant Manager, Texas City

### **"Refinery Operational Safety"**

— Dan Harris, Operations Director, Western Refining

### **"Lessons Learned from Opening Top Slide Valve on a Live Coke Drum"**

— James McClellan, CNRL Horizon Upgrader

### **"ACFM Crack Detection Service for Coke Drums"**

— Jacqueline Cameron, CIA Inspection, Inc.

### **"Closed Coke Slurry System"**

— Bernd Lankers & Josef Wadle, TRIPLAN AG

### **"The Coke Drum Thermal Kinetic Dynamic"**

— Maria Aldescu, KBC Advanced Technologies, Inc

### **"Add a Third Drum to a Delayed Coking Unit"**

— Kenneth Kirkpatrick & Barry Millet, Fluor Corp.

### **"FusionStell™ Cladding Technology"**

— Louw De Jong, Deloro Stellite Inc.

### **"Shift Connection - Setting Us Up for Success"**

— Kim Phillips, Irving Oil



### **Riveting Presentations**

### **"Technical Challenges of Coke Drum Manufacturing"**

— Hari Ravindran, Larson & Toubro

### **"Training Technology – A New Approach"**

— Jerry Waggoner, FosterWheeler

### **"Coke Drum Improvements – Real World Reliability"**

— Brian Doerksen, Coking Mechanical Specialist/Technology/  
Licensing, Bechtel

## Panel of Experts

- Automated Coker Valve Interlock Systems
- Remote Coke Cutting and Automated Coke Cutting
- Lessons Learned: Drills, Stem, Hoist and Structure Incidents and Reliability

## Breakout Discussion Topics

- Automated Coker Valve Interlocks
- Remote and Automated Coke Cutting
- Drill Stem, Hoist, Derrick, Structure
- Process
- Maintenance/Reliability
- Operations and Safety

### **Unparalleled Breakout Sessions**





Master of Ceremonies: Ken Peccatiello

## Speakers & Presentations

### **"Texas City Revival"**

— Keith Casey, Plant Manager, Texas City

### **"Refinery Operational Safety"**

— Dan Harris, Operations Director, Western Refining El Paso

### **"Safety Instrumented Systems, Controls and Interlocks"**

— Panel of Refiner and Supplier Experts

### **"Overcoming Chloride Fouling Problems in FCC Gas Con"**

— Matt Meyers, Western Refining

### **"What to Look Out For During the Last Three Years of the FCC Operating Cycle"**

### **"Safety in Confined Spaces, Especially FCC Reactors"**

— Peter van der Sluijs, Total Safety/Z-Safety Systems NV

### **"Getting More Value from FCC Bottoms"**

— Vic Scalco, Gulftronic

### **"FCC Feed Injector Technology Update"**

— Paul D. Wendt, Lummus Technology, CB&I

### **"Improving Light FCC Product Recovery"**

— Eric Hutchins, Process Consulting Services

### **Free-Form Networking Opportunities**



### **FCCU Work Groups**

#### **"Alternatives to Rare Earth"**

— David Hunt, Grace

#### **"Shift Connection - Setting Us Up for Success"**

— Kim Phillips, Irving Oil

#### **"FCC Catalyst & Logistical Optimization"**

— Michael Hurley, Equilibrium Catalyst, Inc.

## Work Group Topics

- Flareless startups and shutdowns – Jason Danford, Valero
- FCC Turnaround Best Practices – Billy Dobbins, AltairStrickland; Paul Komperda, United Labs
- Refractory Topics with Samples of Good and Bad Refractory – Robert Jenkins
- Practices/procedures for conducting a LOPA (Layers Of Protection Analysis) for an FCC – Skip Early, Early Consulting
- Things to watch in your FCCU – Ken Peccatiello, Mike Zehender
- Mechanical Integrity and Reliability Assessment – Richard Boswell, Stress Engineering Services
- Practices for reliable startup and operation post-turnaround
- How to positively influence process safety

# Workshops & Demonstrations

- Bottom Unheading - DeltaValve
- Advanced Decoking Control Valve - Flowserve
- Cutting Tool Control Features - RuhRPumpen
- Inside CatCracker Expansion Joints - Eagle Burgmann EJS
- New Digital Controls - TapcoEnpro Valves
- Bleeder Cleaners Maintenance Tools - American Maintenance
- Interlocks MOV - Velan
- Controls - TAS
- Lifting System, Hoist and Panel - RuhRPumpen
- Autoshift Slim Cutting Tool - Flowserve
- Center Feed - DeltaValve
- Remote & Automated Cutting - Flowserve
- Free Fall Arrestor - RuhRPumpen
- Interlocks, Valves - Valvtechnologies
- New Facility, New Opportunities - TapcoEnpro Vessels
- Isolation Valves
- Ventilation
- Actuators

## Sponsors



## Workshops and Demonstrations



## Top Conference Accommodations

*"Your group ran, literally, the best seminar that I have ever been to, from a logistics point of view. I used to run a national association with 30,000 members and our annual meetings were NEVER put together as well as what you guys did. I was constantly amazed at how well you ran the program. Each segment and transition point was coordinated perfectly..."*

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