

Join us at **REFCOMM** GALVESTON 2015

Focus at Galveston 2015

Refinery Shale Oil Processing



North American unconventional oil and gas production has yielded massive volumes of feedstocks displaying peculiar kinetics when blended with conventional feedstocks, or even when processed separately. Effective solutions to these process challenges are discussed from a catalytic, thermodynamic and operational control perspective.



Delayed Coking Unit (DCU)

We will be discussing Industry Best Practices, delve into site specific operational issues, and discover unique strategies for the blending challenges of various feed-stock combinations.



Fluid Catalytic Cracking (FCC)

Learn how unit control and operating methodology is changing for both grassroots and retrofitted FCC projects targeting superior yields, reliable operations, and flexibility for processing VGO and resid feedstocks.



The recent drop in crude prices is affecting refined product demand and margins. Come see how refiners are leveraging current assets to cost-effectively run conventional and unconventional blends, extend run lengths, reduce costs, and operate safely and profitably. Learn how to be nimble and flexible!

Moody Gardens Convention Center

May 4-8, 2015

Conference [page 2-4](#)

Wednesday - Friday

This year we add the Shale Hall to the Coking.com Hall and CatCracking.com Hall.

Exhibition

Tuesday - Thursday

The Exhibition opens Tuesday evening with the Welcome Reception and continues Wednesday and Thursday during networking breaks and evening receptions.

Training [page 5](#)

Monday - Friday

Training courses by industry experts for DCU, FCCU, sulfur, hydrotreating, and more. Separate registration required for Conference.

Registration Form [page 7](#)

In the Shale Hall

Heartburn Panel (panel discussion)

Mel Larson-KBC, Paul Wendt-LyondellBasell,
and Christopher Dean-High Olefins FCC Process Technology

Fouling and Contaminant Issues When Processing LTOs (workgroup)

Alex Beach and Nik Larsen, Marathon

Fact and Fantasy in Catalyst Selection

George Hoekstra, Hoekstra Trading LLC

Safer Solution for Naphthenic Acid Corrosion Control

James Ondyak, Dorf Ketal

Strategies for Mitigating Fouling in Refineries Processing LTOs

Greg Savage, Nalco Champion

Solutions for Maximizing Value with FCC Feeds from Opportunity Crudes

Alexis Shackleford, BASF

A Unique Approach to Optimization Using Crude Characterization

Patrick Truesdale, Emerson Process Management

FCC and Hydrotreating Catalysts (panel discussion)

BASF, Astron Inc., Hoekstra Trading LLC.

Sour Water Stripping: Chevron WWT Technology

Scott Alvis, Optimizing Gas Treating Inc.

Maximizing Utilization of Light Tight Oils: Economics and Technology Solutions

Mel Larson, KBC

Strategies for Maximizing FCC Light Cycle Oil

Ann Benoit, Grace Catalyst Technologies

Increasing FCC Residuum Processing with Blended LTOs

Kris Kohl, GE Water

Naphtha Catalytic Cracking in FCC Units Past and Present

Christopher Dean, CatCracking.com

Shale Oils: Designing for Improved Reliability and Performance in the Crude Preheat Train

Mark Lockhart and Dominic Varraveto, Burns McDonnell

Shale Oils: Crude Preheat Train Issues (workgroup)

Mark Lockhart, Burns McDonnell and others



Informative and dynamic **presentations** by industry professionals in a multimedia format followed by Q&A with the audience.

We are now seeking
presenters, discussion leaders,
and workgroup
subject-matter-experts.

Email your abstracts and ideas
to Becky Peterson
becky@refiningcommunity.com
or call +1 360.966.7251



During **round table** sessions, multiple pre-selected topics are offered simultaneously. Each small group shares experiences and solves problems on the topic most relevant to them.

In the Coking.com Hall



Panel Discussion: Best Practices for the DCU

Mitchell Moloney-Exxonmobil, Frank Tracy-Phillips 66, Dale Wilborn-Chevron, Gary Ginzon-Marathon Oil Corp., and Thomas Meek-Shell Global Solutions

DCU Bolting: A Galling Prevention Case Study at Tesoro Golden Eagle

Michael Psimas, Ph.D., BlackHawk Engineered Products

Dust Suppression In Petcoke Handling Operations

Michael Lewis, Dust Control Technology

Optimizing Strategies for Temperature Instrumentation in Delayed Coking Units

Taylor Fama, Daily Thermetrics

Coker Person of the Year Award

presented by Gary Pitman, Coking.com

Fracture Mechanics: Screening of Coke Drum Cracks

Dr. Mahmod Samman, Houston Engineering Solutions & Suncor Energy

Practical Value: Utilizing Information from RefComm at Your Site (workgroup)

Sonny Clark-AmecFosterWheeler, Les Osborne-DeltaValve, and operations personnel from various refiners

Safety Moment: Following Procedures Can Save Lives

Dr. Maurice Wilkins, Yokogawa

Girth Weld Failure Analysis in Coker Blowdown Headers

Kia Gharib, Optimum Engineering Solutions, Inc

Winches and Winch Cable Safety

Ensuring Reliability through Preparedness Planning: Best Practices for DCUs

Eddie Gerren, Veolia NA

Maximizing Coker Value While Processing Shale Oil

Richard Heniford, Bechtel Hydrocarbon Technology Solutions Inc.

Techniques to Improve Combustion Reliability at the Unit Level

Scott Reynolds, Zeeco

Coke Drum Deheading Safety

Mitchell Moloney, ExxonMobil

Coke Outage Measurement Using Nuclear Levels

David Williams, Vega Americas

A Brief Introduction to Fouling and Coking in Refinery Operations

Dr. Ghaz Dickakian, Fouling and Coking Technology Inc

Quenching and Preheating Of Coke Drums: A Deep Look

Francisco Fernandez, PDVSA-INTEVEP & PDVSA-Petrocedeno



Breakout discussions explore hot topics, guided by a facilitator so that everyone gets an opportunity to participate. Suppliers and refiners join together to share and learn.

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becky@refiningcommunity.com
or call +1 360.966.7251



In a **panel discussion**, speakers give a series of brief presentations on a key topic. Then the audience asks questions, discusses and collaborates.

In the CatCracking.com Hall



FCCU Operations and Troubleshooting (workgroup)

Bryan Lewis-LyondelBasell and Christopher Dean-CatCracking.com

Maximize the Flexible Engine of the FCC

Rama Rao Marri, CB&I

History of FCC Catalyst Technology Developments

Joe McLean, Astron International Inc

New and Old Equations Tie Together 75 Years of FCC Standpipe Experience

Phillip Niccum, KBR

Understanding Iron Contaminates on FCC Catalysts

Melissa Clough, BASF

Failures of High Alloy Expansion Bellows in Refinery Catalytic Cracking Units

Gerald Wilks, Citgo Lemont

Increasing Diesel Yields in FCC Operations

Renaud Parise, Nalco Champion

Reducing FCC Turnaround Costs: Focus on Speed and Safety

Brent Dell, TriStarGES

Avoiding Scope Growth in Turnarounds (workgroup)

Brian Lewis, LyondelBasell

Improving FCC Unit Performance

Mel Larson, KBC



A **workgroup** is a great forum for sharing Lessons Learned or Best Practices. A Subject Matter Expert speaks briefly about a particular topic. Then discussion is opened to the group.

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and workgroup
subject-matter-experts.

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becky@refiningcommunity.com
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Training

Delayed Coker Operations and Reliability

May 4-5 with Gary Pitman

For new and experienced workers who want to broaden their understanding of the delayed coker unit.

Coker Process, Design, and Troubleshooting

May 4-5 with Evan Hyde

This advanced course covers the design, operations and troubleshooting of the delayed coker.

Mechanical Integrity Management of Coke Drums

May 4-5 with Dr. Mahmud Samman

Hone skills needed to understand coke drum mechanical and structural failure modes, manage their integrity in an efficient manner and improve reliability, performance, and safety.

FCCU Process and Recent Developments

May 4-5 with Christopher F. Dean

No longer just a fuels producer, the FCCU is producing petrochemical feedstocks, pretreating tar sands and producing biofuels.

Understanding Fixed Equipment Integrity

May 4-5 with Mike Guillot

Enhance the plant engineer and inspector's understanding and knowledge. API 579/ASME FFS-1 sessions go into detail on the standard and how it applies to pressure vessels.

Hydrotreating Fundamentals

May 4-5 with Barry Robinson

This course covers all aspects of this process, including overviews, process flows and chemistry, catalysts, equipment, and proper operation.

Sulfur Recovery Unit

May 4-8 with Noel Vicente

All aspects of sulfur recovery such as process design, troubleshooting, operations, plant optimization and a review of tailgas units. Take the 5-day course or just the modules you need.

May 4 [SRU Fundamentals](#)

May 5-6 [SRU Operations and Troubleshooting](#)

May 7-8 [SRU Design and Optimization](#)

Catalytic Reforming Fundamentals

May 6-7 with Barry Robinson

The course has a practical, operational focus for unit engineers, supervision and operators, both experienced and inexperienced.

Sulfuric Alkylation Fundamentals

May 8 with Barry Robinson

Alkylation process fundamentals, flows, chemistry, equipment, operation, PSM and technical service.



Training courses conducted by expert instructors using a variety of learning techniques: lecture, discussion, visuals, hands on practice, and sometimes actual equipment.

Your course pass includes lunch and coffee breaks. Attendees also receive a class manual that can serve as a valuable office reference.

Get a conference pass to experience join in the discussion in the Conference Halls and Exhibition.

See prices on page 7.

More details available at
[RefiningCommunity.com/
Galveston2015](http://RefiningCommunity.com/Galveston2015)

Get Supervisor Approval

Convince your boss of the advantages of attending: education, networking, safety, and efficiency.

Get tips and download a letter template here:
RefiningCommunity.com/Galveston2015/Supervisor



Reserve Your Room at Moody Gardens

Mention "RefComm 2015" when you book your room at Moody Gardens Hotel to receive a special rate of \$149.00 plus tax. Lodging is not included with your conference or training pass. Hotel rooms usually sell out before the conference. Reserve your room early!

moodygardenshotel.com

888-388-8484 (Call 7 am -11 pm Central Time)

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REFCOMM
GALVESTON 2015

This is where the Refining Community comes together to hear about new technologies, share best practices, learn from near misses and mistakes, and network with other professionals.

Join the Conversation

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.com



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Shale Processing

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Conference and Exhibition

Admittance to Tuesday evening Welcome Reception and continues to Friday afternoon. Includes catered breakfast, lunch, breaks, and cocktail receptions during that time.

	Early	Regular
Conference Pass (May 5, 5:00 pm - May 8, 1:00 pm)	\$995	\$1,095

Please indicate your areas of interest: DCU FCCU Shale

Training Pass

Includes catered lunch and breaks.

	Early	Regular
Delayed Coker Operations and Reliability (May 4-5)	\$1,495	\$1,595

Coker Process, Design, and Troubleshooting (May 4-5)	\$1,495	\$1,595
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Mechanical Integrity Management of Coke Drums (May 4-5)	\$1,495	\$1,595
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FCCU Process and Recent Developments (May 4-5)	\$1,495	\$1,595
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Understanding Fixed Equipment Integrity (May 4-5)	\$1,495	\$1,595
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Hydrotreating Fundamentals (May 4-5)	\$1,495	\$1,595
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Sulfur Recovery Unit (May 4-8)	\$2,895	\$3,195
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Or choose the SRU training segments you need:

SRU Fundamentals (May 4)	\$795	\$895
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SRU Operations and Troubleshooting (May 5-6)	\$1,495	\$1,595
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SRU Design and Optimization (May 7-8)	\$1,495	\$1,595
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Catalytic Reforming Fundamentals (May 6-7)	\$1,495	\$1,595
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Sulfuric Alkylation Fundamentals (May 8)	\$795	\$895
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Registrant Info and Payment

Prefix	First Name	Last Name
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Job Title	Company
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Mailing address	City
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State/Province	Postal code	Country
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Registrant's email	Registrant's phone
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Signature	Date
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Payment amount	Check	Wire Transfer	Mastercard	American Express	Visa
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Name on credit card	Card expiration date
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Credit card number	Security code
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REFCOMM
GALVESTON 2015

Registration Form

Early registration ends April 3

Send this page to:

fax +1 (360) 544-0126
email info@coking.com
mail Coking.com Inc
1410 Lowe Avenue
Bellingham, WA 98229

Or register online at

www.regonline.com/RefCommGalv15

Checklist

Register early to benefit from scheduled advertising and promotions.

Send a separate form for each person or register online at your convenience.

Make checks payable to
"Coking.com Inc."

Reserve your lodging at
MoodyGardensHotel.com or phone
(888) 388-8484 and use group code
"RefComm 2015."

Need more information?

+1 (360) 966-7251
info@Coking.com

www.RefiningCommunity.com/
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