

Coking.com LLC  
 1410 Lowe Avenue  
 Bellingham, WA 98229  
 USA



# Coking.com

- Process Training
- Coker Exhibition
- Coker Conference:  
 Safety, Environment, Technology  
 and Operations Optimization

**KÖLN (COLOGNE), GERMANY**  
 SEPTEMBER 29–OCTOBER 2, 2008



## Conference Schedule

### Monday, 29 September

**All Day:** Coker Process Fundamentals Training, an optional pre-conference session  
**Evening:** Welcome reception  
 Coker Exhibition - which continues all week  
 Hospitality Suites

### Tuesday, 30 September

**Morning:** Presentations  
**Afternoon:** Breakout Discussion Groups on Safety, Operations, Environment, Maintenance/Reliability, Process  
**Late Afternoon & Evening:**  
 Zimmermann & Jansen  
 hosts a Factory Tour and dinner



ZIMMERMANN & JANSEN

### Wednesday, 1 October

**Morning:** Presentations  
**Early Afternoon:** Presentations  
**Late Afternoon & Evening:**  
 Ruhrpumpen hosts a  
 Factory Tour followed by dinner



### Thursday, 2 October

**Morning:** Presentations  
**Afternoon:** Factory Tour and dinner at G&G  
 International nv - Coke  
 Drum manufacturer in  
 Willebroek, Belgium.



### Friday, 3 October

**Morning:** Stress Engineering Services Acoustic  
 Emissions workshop at the  
 Hilton hotel.



### Spouse Program:

Sight seeing, Day tours, Beer tasting, Tour of the Cathedral, Wine tasting, Eau de Cologne Fragrance Museum, Castle, Panorama Cruise, lunches, shopping and special events.

### Hilton Hotel Cologne

Marzellenstrasse 13-17  
 Cologne, Germany 50668  
 49 221 130710 [www.hilton.com](http://www.hilton.com)

**There** are a limited number of rooms at the great rate of 200 Eur. Reserve using code "GDESA".

For information on sponsoring, exhibiting, hospitality, and presenting papers, refer to [www.Coking.com/SeminarEUR](http://www.Coking.com/SeminarEUR)

## Training and Conference Registration Form

Prices:	EURO	USD
Training (including Exhibition)	€595	\$895
<b>Early registration</b> by 1 August	€1,050	\$1,550
Discount for refiners	€950	\$1,395
Bigger discount for refiner operators	€815	\$1,195
<b>Regular registration</b> after 1 August	€1,200	\$1,750
Discount for refiners	€1,050	\$1,550
Bigger discount for refiner operators	€985	\$1,450

### Attendee Information

Name (use separate sheet for each attendee)

Title

Company

Mailing Address

City

State/Province

Zip/Postal Code

Country

Phone

Fax

Email

Spouse's Name (if attending)

Registrar (Contact person if different)

Phone

Email

### Payment Information

Check  Cash  Visa  MC  Amex  Wire

Credit Card #

Exp.

3 or 4 digit code

Amount Paying

Signature

Print name on card

For details and pricing  
 visit [www.Coking.com/Seminar](http://www.Coking.com/Seminar)  
 or phone: 360.966.7251 USA  
 403.668.7467 Canada  
 44.2081.503669 UK  
 866.854.6267 Fax

Return to:  
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## Conference Presentations



**BP Gelsenkirchen - Dynamic Drum Control (DDC)**-safety & maximum throughput by optimizing cycle-time.

**ENI Refinery** 1) Equipment reliability: inspection and analysis or 2) Coker Operation and cycle time: operation and improvement to increase safety or 3) Coke handling for zero emissions.

**MiRO - Safe Operation and a Clean Environment** Automated operation of a closed coke-handling system.

**Petro-Canada** - Designing a coker for the 21st Century.

**Zimmermann & Jansen Top and Bottom Deheading**  
- Factory Tour

**RuhrPumpen Hydraulic Decoking** Safe and Reliable  
- Factory Tour

**DuraSystems Firewalls and blast barriers** should be installed to protect people and equipment and contain the damage.

**DeltaGuard Revolutionary cokedrum unheading device.**

**ConocoPhillips Environmental Award for Coker Refinery.**

**Converting Visbreakers to Cokers.**

**Stress Engineering Services (USA)** Coke Drum Design and Life Extension.

**Flowserve** Remote Cutting & Monitoring System.

**GE Sensing** totally reliable feed flow measurement.

**Dual Emissivity Ceramic Coating System on Coker Heaters.**

**SchuF Group** Valve Developments for the Coking industry.

**Stress Engineering Services Ltd (Europe)** Managing carburisation in heater tubes.

We invite and encourage refiners to share Near Misses and Best Practices at any time. Additional presentations, once they have been reviewed and approved, will be listed at [www.Coking.com/SeminarEUR](http://www.Coking.com/SeminarEUR).

## Coker Process Training



### Session 1 Heavy Oil Processing Overview

- ◆ Process History
- ◆ Refinery Integration
- ◆ Alternative Heavy Oil Processing
- ◆ Feedstock Chemistry
- ◆ Cracking Fundamentals
- ◆ Process Overview
- ◆ Cyclic Operations
- ◆ Common Problem Areas
- ◆ Basic Upgrading Economics

### Session 2 Delayed Coking Operations Flow

- ◆ Unit Feed Storage Tanks, Preheat, and Furnace Charge
- ◆ Heater Operations and Aging
- ◆ Online Drum Operations
- ◆ Fractionator
- ◆ Drum Switching
- ◆ Blowdown Operations
- ◆ Decoking
- ◆ Types of Coke
- ◆ Alternative Feedstocks
- ◆ Delayed Coking Accident History
- ◆ Equipment Reliability Considerations

For optional, pre-conference training, register separately.

**MORE PRODUCTION  
LESS RISK!**

Here's what attendees of previous Coking.com Safety Seminars are saying



*"The breakout sessions and ideas and info during these were excellent. Even though we were all competitors, I saw a common interest in safety and info sharing! When is the next one?!"*

— Donald Mendenhall, Shell Oil Products

*"Seminar was very helpful. I should easily be able to justify cost of attendance for the new ideas and contacts I will bring back."*

"I know a lot more about cokers now than I did before

***"What I've been seeing now after attending these for 3 years is people are doing things that have been discussed in past seminars."***

*attending this seminar. I feel it will help me in maintaining the coker unit at Marathon."*

*"Everything was very useful, especially the breakout sessions."*

— Gustavo Garcia, PDVSA

*"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 last week. I was constantly amazed at how well you ran the program. Each segment and transition point was coordinated perfectly and it was amazing to see you guys pull it off. Half the time I was set back in my chair thinking "why didn't we do that?" The food, the MC's, the hand outs, the speaker set ups - all of it was top notch. In my 28 year career I have never seen it done so well, and I am not exaggerating."*

— Norman Garrett, Engineer, Atlanta

Come be a part of the biggest Delayed Coker event in the Europe!



### Coker Exhibition

- ◆ Engineering, Procurement & Construction companies
- ◆ Bottom and Top Unheading
- ◆ Hydraulics Decoking Equipment and Critical Service Pumps
- ◆ Fire Proof Walls and Explosion Proof Barriers
- ◆ Converting Visbreakers to Cokers
- ◆ Process and Technology licensors
- ◆ Heater Fouling
- ◆ Samplers for Liquids and Gases
- ◆ Pressure vessel fabrication and restoration
- ◆ Safe and effective removal of hazardous waste
- ◆ Coker revamps and Turnarounds
- ◆ Actuators and Control Systems
- ◆ Level Controls and Monitoring
- ◆ Ceramic Coating Technology
- ◆ Heavy Oil Upgrading

### Conference Highlights

- ◆ Safety Stories from other Cokers & Discussion Groups
- ◆ Refiner Presentations
- ◆ Papers from Coking Suppliers
- ◆ Equipment & Services Exhibits
- ◆ Factory Tours
- ◆ Coker Resource Manual
- ◆ Networking with the global Coker Community



For more information:  
<http://www.coking.com>  
360.966.7251 (USA)  
403.668.7467 (Canada)  
44.2081.503669 (UK)

**Coking.com**